

MONITORING REPORT #2015-1 FOR THE GREATER NEW BEDFORD LFG UTILIZATION PROJECT DARTMOUTH, MASSACHUSETTS

FOR VERIFICATION PERIOD
JANUARY 1, 2015 THROUGH SEPTEMBER 30, 2015

DECEMBER 8, 2015

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For it's wholly-owned subsidiary
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Project Title	Greater New Bedford LFG Utilization Project
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1.0 Project Details

1.1 Summary Description of the Implementation Status of the Project

The Project is a landfill methane (a.k.a., “landfill gas” or “LFG”) capture and utilization project located at a solid waste landfill (the “Landfill”) in Dartmouth, Massachusetts. The Landfill is owned by the Greater New Bedford Regional Refuse Management District (the “District”). The owner of the Project is Commonwealth New Bedford Energy, LLC (“CNBE”), a wholly-owned subsidiary of Commonwealth Resource Management Corporation (“CRMC”), a Massachusetts corporation based in Boston, Massachusetts, U.S.A. CNBE also owns the exclusive rights to all of the LFG at the Landfill, and all of the environmental attributes associated with the collection, destruction and use of all of the LFG at the Landfill.

The Project voluntarily captures and destroys LFG methane from the Crapo Hill Landfill located in Dartmouth, Massachusetts (latitude and longitude are 41° 43' 28.12" N and 70° 59' 04.82" W, respectively). The Project captures LFG from the expanded active collection system and destroys it either via four Caterpillar 3516 engine-generator sets or a back-up open flare. The Project achieves emissions reductions through the destruction of LFG that would otherwise have been released to the atmosphere. The back-up flare did not operate for any significant period of time during the current verification period; therefore, emission reductions are not claimed from flaring.

The Project was implemented according to the description provided in the validated PD. The Project became operational in January 2002 with the expansion of an existing active LFG collection and destruction system. Emission reductions from the current verification period were claimed for LFG collected from the expanded active LFG collection system and destructed in the Caterpillar 3516 engine-generator sets. The back-up flare had limited operation during the current verification period and no emission reductions are claimed from flaring. CRMC claims GHG emission reductions eligible under VCS program of 69,777 metric tons of CO₂e for the verification period January 1, 2015 through September 30, 2015.

1.2 Sectoral Scope and Project Type

The sectoral scope is renewable energy industry. The Project is not a grouped project.

1.3 Project Proponent

Organization name	CommonWealth Resource Management Corporation For it's wholly-owned subsidiary CommonWealth New Bedford Energy, LLC
Contact person	Thomas Yeransian
Title	Principal of CRMC
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1.4 Other Entities Involved in the Project None

1.5 Project Start Date

January 1, 2002

1.6 Project Crediting Period

First Project Credit Period is a 10-year period starting March 28, 2006 and ending March 28, 2016.

1.7 Project Location

The Project is at the Crapo Hill Landfill located west of Samuel Barnet Boulevard in the northeast portion of the Town of Dartmouth, Massachusetts (latitude and longitude are 41° 43' 28.12" N and 70° 59' 04.82").

1.8 Title and Reference of Methodology

As outlined in the Project Design Document, the VCS methodology applied to the Project was UNFCCC's ACM0001 methodology (Version 9.1) – Consolidated baseline and monitoring methodology for landfill gas project activities.

1.9 Other Programs

- Emission Trading Programs and Other Binding Limits: Not Applicable.
- Other Forms of Environmental Credit: None. The Project has not sought or received another form of GHG-related environmental credit for the direct methane emissions reductions that result from the destruction of methane by the Project.
- Participation under Other GHG Programs: The Project is registered at the American Carbon Registry – Project ID of ACR 113. The emission reductions verified for this monitoring period will not be claimed under or registered on the ACR or any other registry.

2 IMPLEMENTATION STATUS

2.1 Implementation Status of the Project Activity

The project activity is in service.

The project activity operated normally during the monitoring period subject to this verification. The four engines destroyed landfill gas during the period. The back-up flare had very limited operation during the current verification period and no emission reductions are claimed from flaring.

2.2 Deviations

2.2.1 Methodology Deviations

The following methodology deviations were previously validated and approved for the Project:

- The SCADA system was programmed to calculate the methane gas flow in units of million British thermal units (MMBtu) using standardized gas flow (at 68°F and one atmosphere of pressure), methane concentration, the gross heat content (higher heating value) of methane, and the actual temperature and pressure. CNBE determined the volume of methane destroyed by converting the MMBtu values to total methane gas flow in standard cubic feet. This deviation from the monitoring methodology was previously approved by independent verifiers and had a conservative impact on the quantification of GHG emissions reductions during the verification period.
- The amount of methane destroyed in the baseline scenario, MD_{BL}, was determined by applying a 12.5 percent annual decline rate to the amount of methane destroyed in 2001, the year prior to the project activity. The declining rate was adopted to more accurately account for biological decay and loss of gas collection system effectiveness.
- The Project reference conditions are 20 degrees Centigrade and 1 atmosphere rather than ACM0001 reference conditions of 0 degrees Centigrade and 1 atmosphere.

2.2.2 Project Description Deviations

The following project deviation has occurred since last verification including the following:

2.2.2.1 Biogas: Biogas from an anaerobic digester has been added to the landfill gas and represents approximately 2- to 8-percent of the total heat value of the gas being used by the engine-generator sets to make power. The methane quantities contained in landfill gas and biogas are monitored and recorded together. Monitoring equipment and calculation methodology used to quantify the methane quantities of LFG and biogas was not changed from previous verifications. However, the methane quantities contained in biogas are monitored and recorded separately prior to being added to the landfill gas. To obtain the methane quantities contained in the landfill gas only, the biogas quantity in MMBtus is subtracted from the landfill gas and biogas quantity in MMBtus each month.

In reviewing the CDM “Guidelines on Assessment of Different Types of Changes from the Project Activity as Described in the Registered PDD”, this project deviation does not impact additionality, scale of project activity, appropriateness of the baseline scenario, or the applicability of the approved methodology and therefore is an acceptable deviation which does not raise concerns.

2.2.2.2 Hourly Data. The hourly data recorded by the on-site SCADA system did not record from 1/2/2015 – 1/24/2015. However, the SCADA system recorded the daily flow data during this time period, which data is the basis to quantify the GHG emission reductions. Therefore, no impact to the quantification of GHG emission reductions occurred.

In reviewing the CDM “Guidelines on Assessment of Different Types of Changes from the Project Activity as Described in the Registered PDD”, this project deviation does not impact additionality, scale of project activity, appropriateness of the baseline scenario, or the applicability of the approved methodology and therefore is an acceptable deviation which does not raise concerns.

2.3 Grouped Project Not Applicable.

3 DATA AND PARAMETERS

3.1 Data and Parameters Available at Validation

Data / Parameter	Methane oxidation efficiency for electricity generation
Data unit	Percent
Description	Quantity of methane oxidized during combustion for electricity generation
Source of data	VCS
Value applied:	100
Purpose of the data	Baseline and emissions reductions
Comments	None

Data Unit / Parameter:	Methane oxidation efficiency for flare
Data unit:	Percent
Description:	Quantity of methane oxidized during combustion using flare
Source of data:	VCS
Value applied:	50
Purpose of the data:	Baseline and emissions reductions
Any comment:	None

Data Unit / Parameter:	Global Warming Potential Methane
Data unit:	Metric tons of CO2-equivalents per metric ton of methane
Description:	Global warming potential potency factor
Source of data:	VCS
Value applied:	21
Purpose of the data:	Convert methane to CO2-equivalents. Baseline and emissions reductions.

Any comment:	None
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3.2 Data and Parameters Monitored

Data Unit / Parameter:	Methane content of gas
Data unit:	Percent methane content of gas
Description:	Methane content of gas
Source of data:	SCADA System at Facility
Description of measurement methods and procedures to be applied:	Non-dispersive infrared
Frequency of monitoring/recording:	Continuous, hourly, daily
Value monitored:	Methane concentration, %
Monitoring equipment:	California Analytical 602P, Serial # S07002
QA/QC procedures to be applied:	Field calibrated once per week. A zero check and value check is performed by comparison with standard certified gas.
Purpose of the data	Calculate baseline and emissions reductions.
Calculation method:	Used in calculation to obtain heat value of landfill gas in Btu per scf of LFG
Any comment:	CO2 and O2 are also continuously monitored using the same instrument.

Data Unit / Parameter:	Volume of gas
Data unit:	Actual cubic feet per minute
Description:	Quantity of gas used to fuel engines
Source of data:	SCADA System at Facility
Description of measurement methods and procedures to be applied:	Differential pressure measured across orifice plate
Frequency of monitoring/recording:	Continuous, hourly, daily
Value monitored:	Differential pressure
Monitoring equipment:	Oripac Model 4150, Serial #30154
QA/QC procedures to be applied:	Field calibrated once per month.

Purpose of the data	Calculate baseline and emissions reductions.
Calculation method:	Fluid flow equation (Bernoulli) calculates actual cubic feet per minute of gas.
Any comment:	None

Data Unit / Parameter:	Temperature of gas
Data unit:	Degrees Fahrenheit
Description:	Temperature of gas
Source of data:	SCADA System at Facility
Description of measurement methods and procedures to be applied:	Thermocouple
Frequency of monitoring/recording:	Continuous
Value monitored:	Temperature
Monitoring equipment:	Thermocouple, Omega or equivalent
QA/QC procedures to be applied:	Field calibrated using thermometer.
Purpose of the data	Calculate baseline and emissions reductions.
Calculation method:	Used in fluid flow equation (Bernoulli) to calculate standard cubic feet per minute from actual cubic feet per minute of gas.
Any comment:	None

Data Unit / Parameter:	Pressure of gas
Data unit:	PSIG
Description:	Pressure of gas
Source of data:	SCADA System at Facility
Description of measurement methods and procedures to be applied:	Pressure transducer
Frequency of monitoring/recording:	Continuous
Value monitored:	Static pressure
Monitoring equipment:	Pressure transducer, Omega or equivalent
QA/QC procedures to be applied:	Field calibrated using pressure gauge.

Purpose of the data	Calculate baseline and emissions reductions.
Calculation method:	Used in fluid flow equation (Bernoulli) to calculate standard cubic feet per minute from actual cubic feet per minute of gas.
Any comment:	None

Data Unit / Parameter:	Volume of landfill gas
Data unit:	Standard cubic feet per minute
Description:	Quantity of landfill gas combusted in flare
Source of data:	Flare station
Description of measurement methods and procedures to be applied:	Differential pressure measured across orifice plate
Frequency of monitoring/recording:	Continuous, hourly, daily
Value monitored:	Standard cubic feet per minute
Monitoring equipment:	Omega PDF65 sqrt, Serial #57493
QA/QC procedures to be applied:	Field calibrated as required when operating.
Purpose of the data	Calculate baseline and emissions reductions.
Calculation method:	Fluid flow equation (Bernoulli) calculates standard cubic feet per minute of LFG.
Any comment:	None

Data Unit / Parameter:	Methane content of biogas
Data unit:	Percent methane content of biogas
Description:	Methane content of biogas
Source of data:	CRMC Bioenergy Facility (anaerobic digester system) tied to SCADA System at Facility
Description of measurement methods and procedures to be applied:	Non-dispersive infrared
Frequency of monitoring/recording:	Continuous and at totalization of biogas volume
Value monitored:	Methane concentration, %
Monitoring equipment:	Hitech Model: IR600 Infra-Red Gas Analyzer, Serial #1-09916

Data Unit / Parameter:	Methane content of biogas
QA/QC procedures to be applied:	Field calibrated periodically. A value check is performed by comparison with standard certified gas.
Purpose of the data	Calculate emissions reductions.
Calculation method:	Used in calculation to obtain heat value of biogas in Btu per scf of biogas
Any comment:	None

Data Unit / Parameter:	Volume of biogas
Data unit:	Standard cubic feet per minute
Description:	Quantity of biogas added to LFG, both used to fuel engines
Source of data:	CRMC Bioenergy Facility (anaerobic digester system) tied to SCADA System at Facility
Description of measurement methods and procedures to be applied:	Differential pressure measured across a pitot tube
Frequency of monitoring/recording:	Continuous and at totalization of biogas volume
Value monitored:	Differential pressure
Monitoring equipment:	Dwyer Series DS-300 Flow Sensor, which is an averaging pitot tube
QA/QC procedures to be applied:	Field calibrated once per month.
Purpose of the data	Calculate emissions reductions.
Calculation method:	Fluid flow equation (Bernoulli) calculates actual cubic feet per minute of gas.
Any comment:	None

Data Unit / Parameter:	Temperature of biogas
Data unit:	Degrees Fahrenheit
Description:	Temperature of gas
Source of data:	CRMC Bioenergy Facility (anaerobic digester system) tied to SCADA System at Facility

Data Unit / Parameter:	Temperature of biogas
Description of measurement methods and procedures to be applied:	Thermocouple
Frequency of monitoring/recording:	Continuous monitoring
Value monitored:	Temperature
Monitoring equipment:	Thermocouple, Omega or equivalent
QA/QC procedures to be applied:	Field calibrated using thermometer.
Purpose of the data	Calculate emissions reductions.
Calculation method:	Used in fluid flow equation (Bernoulli) to calculate standard cubic feet per minute from actual cubic feet per minute of gas.
Any comment:	None

3.3 Monitoring Plan

Critical for the accuracy and transparency of the calculation is that:

1. Measurements of gas flows are undertaken with reliable equipment that is regularly calibrated;
2. Sampling of Methane concentration in gas is undertaken with reliable equipment that is regularly calibrated;
3. Sampling of Methane concentration in gas takes place with a frequency that is sufficient to calculate average concentration factors that are statistically unbiased (i.e. they reflect the actual methane concentration of the gas);
4. Measurements of gas flows are undertaken at least on a monthly basis and are as frequent as necessary to apply statistically valid methane concentration factors (as described in (3), above);
5. Measurement and calibration equipment and processes and changes thereof are clearly described as part of the GHG emissions reporting process.

Unless otherwise specified through the GHG emissions reporting process, the following system is assumed to be in place.

Data measurements

Implementation of the calculation methodology described in Section 3 above requires measurement of the following two quantities:

- Volume of landfill gas collected from the Landfill.
- Methane content of the landfill gas

The volumes of landfill gas collected from the Landfill, in actual cubic feet, are measured continuously on a real-time basis with accumulating volumetric flow meters. The flow meters are located directly upstream of the Project. The specific devices used to take readings are orifice flow meters capable of measuring flows from 0 to 1,600 actual cubic feet per minute. One flow meter serves as the unit for flow meter measurements to the four engines, and one unit for flow meter measurements to the flare. Each flow meter is equipped with a totalizer that indicates the cumulative actual cubic feet of gas that have passed through that flow meter. For the engines, total flow is measured each minute and totalized and recorded each hour and day. The totalized intervals for flow to the engines are automatically converted to standard cubic feet per hourly and daily interval and stored on a computer monitoring system.

For the flare, the totalized flow will be read by the operator approximately on a weekly basis, and will record the date and time of each reading.

Note that biogas from an anaerobic digester has been added to the landfill gas and represents approximately 2- to 8-percent of the total heat value of the gas being used by the engine-generator sets to make power. The methane quantities contained in landfill gas and biogas are monitored and recorded together. Monitoring equipment and calculation methodology used to quantify the methane quantities of LFG and biogas was not changed from previous verifications. However, the methane quantities contained in biogas are monitored and recorded separately prior to being added to the landfill gas. To obtain the methane quantities contained in the landfill gas only, the biogas quantity in MMBtus is subtracted from the landfill gas and biogas quantity in MMBtus each month. The methane content, temperature and pressure of biogas remain relatively constant exiting the anaerobic digester prior to being mixed with the landfill gas.

The methane content of the gas (including both the landfill gas and biogas combined), on a percent volume basis, is measured at a sampling port in the main header pipe near the flow meter with the use of a California Analytical Instrument Non-dispersive infrared (NDIR) analyzer. The methane content is measured at the approximately the same time as readings are taken on the flow meter totalizer. The average methane content over the interval is then calculated as the average of the reading taken at the start of the interval and the reading taken at the end of the interval. Note that from April 9 through April 29, the California Analytical Gas Analyzer was being serviced offsite. During this time, a Landtec GEM 5000 was used to measure methane content. The methane contents measured by the Landtec GEM 5000 during this time period are shown on the daily reports for April, and on the spreadsheet attached in Exhibit 6. The calibration of the Landtec GEM 5000 calibration is shown in Exhibit 6 as well.

The operator typically balances the landfill gas collection wellfield on a weekly basis on the same day that the totalizer reading is taken at the flare. The operator measures and records the methane content, carbon dioxide content, oxygen content, and balance gas content. In addition, in the course of balancing the wellfield, the operator records the methane content, carbon dioxide content, oxygen content, and balance gas content at each individual well or other extraction point in the landfill gas collection system. The results of a typical component analysis of the landfill gas at the Landfill flare is provided below:

Component	Units	Value
Methane	Percent by volume	55%
Carbon dioxide	Percent by volume	40%
Oxygen	Percent by volume	0.1%
Balance gas	Percent by volume	4.9%

Organizational structure, responsibilities and competencies.

CNBE owns and manages the operations of the Facility. CNBE contracts an operating company to conduct the operations and maintenance of the Facility. The operating company employs a full time operator to conduct operations, maintenance, inspections, calibrations, monitoring and record-keeping at the facility.

Methods for generating, recording, storing, aggregating, collating and reporting data on monitored parameters.

The SCADA system creates a Microsoft Excel file that contains the hourly and daily totals of gas flow, gas heat value, gas methane content, operating hours of each engine, gross power output of each engine, gross and net power output of the facility. This file is created each day at mid-night for the prior 24-hour period. The file is automatically stored on the SCADA system computer. This file can be accessed remotely or at the facility. The file is manually copied from its entirety and pasted into the monthly quantification excel spreadsheet. No individual pieces of data are manually entered. The files are backed up at the Facility and off-site.

Describe procedures for handling internal auditing and non-conformities.

The monthly quantification spreadsheet calculates several key performance parameters each day that are compared a few times per week to the expected performance range of each parameter. If the calculations show a significant deviation, corrective actions are taken. Corrective actions involve repairing equipment that is performing outside its normal range or correcting data that may have been reported in error. Equipment problems and corrective actions are noted in the "Service Section" of the monthly reports. CNBE will expand the notes to fully explain the problem and corrective action to the extent necessary.

CNBE has monthly operations meetings at the Facility with our contract operator, and the owners of CNBE. During each monthly meeting we review the prior month operations performance including the production reports, work order list, unscheduled repairs and maintenance, and routine maintenance; the current month's additions to the work orders that would prevent and correct deficiencies discovered and make overall improvements in performance of the Facility; review reports including monthly outage report, methane calibration logs, exhaust gas oxygen logs, lubricating oil logs, spare parts inventory report and others that may be relevant. In addition, we meet with the District to review with them the status of the LFG collection system performance and work required to prevent and correct deficiencies discovered and make overall improvements in performance of the system.

4 QUANTIFICATION OF GHG EMISSION REDUCTIONS AND REMOVALS

4.1 Baseline Emissions

See attached Exhibits 1 through 4.

4.2 Project Emissions

See attached Exhibits 1 through 4.

4.3 Leakage

See attached Exhibits 1 through 4.

4.4 Net GHG Emission Reductions and Removals

See attached Exhibits 1 through 4.

APPENDIX A: SEE ATTACHED EXHIBITS 1 THROUGH 7.

1. Exhibit 1 summarizes the emission reductions from methane oxidation during energy generation and flaring from January 1, 2015 through September 30, 2015.
2. Exhibit 2 provides gas totalizer readings, and methane content readings for the period from January 1, 2015 through September 30, 2015, and calculations using the verification protocols under the VCS to obtain emission reductions from methane oxidation during energy generation.
3. Exhibit 3 provides LFG totalizer readings, and methane content readings for the periods from

January 1, 2015 through September 30, 2015, and calculations using the verification protocols under the VCS to obtain emission reductions from methane oxidation during flaring.

4. Exhibit 4 provides the key factors, equations, and calculation of VCUs in accordance with the approved consolidated baseline methodology ACM0001/Version 09.1 “Consolidated baseline and monitoring methodology for the landfill gas project activities” promulgated by the United Nations Framework Convention of Climate Change (UNFCCC) under the Clean Development Mechanism (CDM).
5. Exhibit 5 is a compilation of the field data logs recording the total gas volumes and methane content readings for the identified reporting periods.
6. Exhibit 6 documents the calibration of the LFG flow rate and provides a compilation of methane content calibration reports for the California Analytical Analyzer for the periods.
7. Exhibit 7 provides Attestation Statement

EXHIBIT 1			
CommonWealth New Bedford Energy LLC			
Greater New Bedford LFG Utilization Project			
Dartmouth, Massachusetts			
Calculation of Verified Emission Reduction Credits in CO2 equivalent tons			
in accordance with the Project Methodology			
Key parameters used in calculations			
Parameter			VCS
Methane oxidation efficiency electricity generation			100.0%
Methane oxidation efficiency LFG flaring			50.0%
Methane, molecular weight			16
Pounds per metric ton			2,205
Gas constant (scf per lb-mole)			385
Global Warming Potential (GWP) methane			21
Summary results			
	Unit		
Electricity generation			
Start date			1-Jan-15
End date			30-Sep-15
Methane delivered	scf		187,180,819
Emission Reductions	metric tons CO2e		74,085
Flaring			
Start date			1-Jan-15
End date			30-Sep-15
Methane delivered	scf		-
Emission Reductions	metric tons CO2e		-
Subtotal			
Methane delivered	scf		187,180,819
Emission Reductions	metric tons CO2e		74,085
District Initial System			
Methane delivered	scf		10,885,597
Emission Reductions	metric tons CO2e		4,308
Total			
Emission Reductions eligible under VCS program	metric tons CO2e		69,777

EXHIBIT 2														
CommonWealth New Bedford Energy LLC														
Emission Reductions from methane oxidation during energy generation														
Physical constants:														
Methane, molecular weight (lb per lb-mole)				16	Calculation of Verified Emission Reduction in CO2 equivalent tons per the following:									
Pounds to metric ton				2,205	Verification Process: UNFCCC's CDM methodology ACM0001 (Version 9.1)									
Gas constant, scf per lb-mole				385	Standard of Verification: Verified Carbon Standard Version 3, March 25, 2015, v3.5									
Begin period - date	End period - date	Totalizer reading end period	Totalizer reading start period	Total in period	Methane delivered to engines	Methane delivered cumulative	Methane delivered in the period	Methane delivered in the period cumulative	Methane oxidation efficiency	MD electricity, Mass methane destroyed in the period	MD electricity, Mass methane destroyed cumulative	Global warming potential methane	Emission reduction	Emission reduction cumulative
mm/dd/yy	mm/dd/yy	MMBtu HHV	MMBtu HHV	MMBtu HHV	scf	scf	metric tons	metric tons	%	metric tons	metric tons	tons CO2 equivalent per ton methane	CO2 equivalent metric tons	CO2 equivalent metric tons
1-Jan-15														
1-Jan-15	31-Jan-15	22,535	-	22,535	22,267,374	22,267,374	420	420	100.0%	420	420	21	8,813	8,813
1-Feb-15	28-Feb-15	41,982	22,535	19,447	19,216,331	41,483,705	362	782	100.0%	362	782	21	7,606	16,419
1-Mar-15	31-Mar-15	63,473	41,982	21,491	21,236,486	62,720,191	400	1,182	100.0%	400	1,182	21	8,405	24,824
1-Apr-15	30-Apr-15	84,231	63,473	20,758	20,511,926	83,232,117	387	1,569	100.0%	387	1,569	21	8,119	32,943
1-May-15	31-May-15	105,028	84,231	20,797	20,550,681	103,782,798	387	1,956	100.0%	387	1,956	21	8,134	41,077
1-Jun-15	30-Jun-15	125,243	105,028	20,214	19,974,628	123,757,427	376	2,333	100.0%	376	2,333	21	7,906	48,983
1-Jul-15	31-Jul-15	145,989	125,243	20,746	20,500,195	144,257,622	386	2,719	100.0%	386	2,719	21	8,114	57,096
1-Aug-15	31-Aug-15	168,005	145,989	22,016	21,755,375	166,012,997	410	3,129	100.0%	410	3,129	21	8,611	65,707
1-Sep-15	30-Sep-15	189,427	168,005	21,422	21,167,821	187,180,819	399	3,528	100.0%	399	3,528	21	8,378	74,085

EXHIBIT 3																
CommonWealth New Bedford Energy LLC																
Calculation of Verified Emission Reduction in CO2 equivalent tons per the Project Methodology																
Emission Reductions from methane oxidation from LFG flaring																
Physical constants:																
Methane, molecular weight (lb per lb-mole)				16												
Pounds to metric ton				2,205												
Gas constant, scf per lb-mole				385												
										Calculation of Verified Emission Reduction in CO2 equivalent tons per the following:						
										Verification Process: UNFCCC's CDM methodology ACM0001 (Version 9.1)						
										Standard of Verification: Verified Carbon Standard Version 3, March 25, 2015, v3.5						
Begin period - date	End period - date	Totalizer reading end period	Totalizer reading start period	Total in period	Methane delivered to flare	Methane delivered cumulative	Methane delivered in the period	Methane delivered cumulative	Methane oxidation efficiency	MD flare, Mass methane destroyed in the period	MD flare, Mass methane destroyed cumulative	Global warming potential methane	Emission reduction	Emission reduction cumulative	PE flare, Project emissions (uncontrolled emissions to atmosphere from flare)	PE flare, Project emissions cumulative (uncontrolled emissions to atmosphere from flare)
mm/dd/yy	mm/dd/yy	MMBtu HHV	MMBtu HHV	MMBtu HHV	scf	scf	metric tons	metric tons	%	metric tons	metric tons	tons CO2 equivalent per ton methane	CO2 equivalent metric tons	CO2 equivalent metric tons	CO2 equivalent metric tons	CO2 equivalent metric tons
	1-Jan-15			-												
1-Jan-15	31-Jan-15	-	-	-	-	-	0	0	50%	-	-	21	-	-	-	-
1-Feb-15	28-Feb-15	-	-	-	-	-	0	0	50%	-	-	21	-	-	-	-
1-Mar-15	31-Mar-15	-	-	-	-	-	0	0	50%	-	-	21	-	-	-	-
1-Apr-15	30-Apr-15	-	-	-	-	-	0	0	50%	-	-	21	-	-	-	-
1-May-15	31-May-15	-	-	-	-	-	0	0	50%	-	-	21	-	-	-	-
1-Jun-15	30-Jun-15	-	-	-	-	-	0	0	50%	-	-	21	-	-	-	-
1-Jul-15	31-Jul-15	-	-	-	-	-	0	0	50%	-	-	21	-	-	-	-
1-Aug-15	31-Aug-15	-	-	-	-	-	0	0	50%	-	-	21	-	-	-	-
1-Sep-15	30-Sep-15	-	-	-	-	-	0	0	50%	-	-	21	-	-	-	-

EXHIBIT 4

Emission Reductions from the Greater New Bedford LFG Utilization Project using ACM0001 (Version 9.1) under the VCS Program

<u>Key factors to determine baseline and emission reductions (1):</u>								
Methane oxidation efficiency for electric generation:								100%
Methane oxidation efficiency for flare:								50%
GWP methane, Global warming potential for methane:								21
Quantity methane collected and controlled to make electricity								100%
Quantity methane collected and controlled by flare								0%
EL lfg	Indirect electricity required by baseline activity							0
ET lfg	Indirect thermal energy required by baseline activity							0
PE	Project emissions, which are indirect emissions from Project Activity							0
MD project	Methane destroyed by Project Activity							See below
MD bl	Methane destroyed in the District Initial System.							See below
MD flared	Methane destroyed by flaring = methane delivered to flare - methane emitted to atmosphere							See below
MD electricity	Methane destroyed by generation of electricity							See below
BE	Baseline emissions = (MD project-MD bl) * GWP methane + indirect emissions of baseline activity							See below
ER	Emission reductions, which is equal to BE - PE							See below
	Methane collected and delivered to engines and flare,	MD electricity,	MD flared,	MD project,	MD bl (2),	(MD project - MD bl)	BE,	ER,
Year	methane metric tons	methane metric tons	methane metric tons	methane metric tons	methane metric tons	methane metric tons	CO2e metric tons	CO2e metric tons
1, 2, and 3 Quarter 2015	3,528	3,528	-	3,528	205	3,323	69,777	69,777
(1) Key factors and equations are from UNFCCC CDM document ACM0001/Version 09.1.								
(2) Calculation of MD bl in accordance with validation report shown below.								
Year	Methane delivered to flare from District Initial System, metric tons	MD bl, Methane destroyed in the District Initial System, metric tons						
2001	3,548	1,774						
2002	3,104	1,552						
2003	2,716	1,358						
2004	2,377	1,188						
2005	2,080	1,040						
2006	1,820	910						
2007	1,592	796						
2008	1,393	697						
2009	1,219	610						
2010	1,067	533						
2011	933	467						
2012	817	408						
2013	715	357						
2014	625	313						
2015	547	274						
2016	479	239						
Annual rate of decline =	0.125							

Exhibit 5

A compilation of the field data logs recording the total gas volumes and methane content readings for the identified reporting periods.

JANUARY 2015																			
CNBE Daily Reports Summary Data																			
		Thursday 1/1/2015	Friday 1/2/2015	Saturday 1/3/2015	Sunday 1/4/2015	Monday 1/5/2015	Tuesday 1/6/2015	Wednesday 1/7/2015	Thursday 1/8/2015	Friday 1/9/2015	Saturday 1/10/2015	Sunday 1/11/2015	Monday 1/12/2015	Tuesday 1/13/2015	Wednesday 1/14/2015	Thursday 1/15/2015	Friday 1/16/2015	Saturday 1/17/2015	
LFG and Biogas Flow to the Engines (KSCF)		1,456	1,432	1,441	1,440	1,439	1,438	1,437	1,436	1,435	1,434	1,433	1,432	1,431	1,430	1,429	1,428	1,427	
LFG and Biogas Flow to the Engines (MMBTU HHV)		758	750	754	753	752	751	750	749	748	747	746	745	744	743	742	741	740	
LFG and Biogas Flow to the Flare (KSCF)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
LFG and Biogas Flow to the Flare (MMBTU HHV)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
LFG and Biogas Total Flow (KSCF)		1,456	1,432	1,441	1,440	1,439	1,438	1,437	1,436	1,435	1,434	1,433	1,432	1,431	1,430	1,429	1,428	1,427	
LFG and Biogas Total Flow (MMBTU HHV)		758	750	754	753	752	751	750	749	748	747	746	745	744	743	742	741	740	
Average Methane Content (%)		51.4	51.8	51.7	51.7	51.6	51.6	51.6	51.5	51.5	51.5	51.4	51.4	51.4	51.3	51.3	51.3	51.2	
Engine 1 Hours		24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	
Engine 2 Hours		24	-	-	-	-	14	-	-	-	-	-	-	-	-	-	-	-	
Engine 3 Hours		24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	
Engine 4 Hours		24	24	24	24	24	10	24	24	24	24	24	24	24	24	24	24	24	
Generator 1 Power Output (kW/hr)		14,636	14,436	14,636	19,768	19,767	19,766	19,765	19,764	19,763	19,762	19,761	19,960	19,759	19,758	19,757	19,756	19,755	
Generator 2 Power Output (kW/hr)		14,442	14,142	14,902	-	-	11,317	-	-	-	-	-	-	-	-	-	-	-	
Generator 3 Power Output (kW/hr)		13,646	15,246	14,646	19,864	19,863	19,862	19,861	19,860	19,859	19,858	19,857	19,856	19,855	19,854	19,853	19,852	19,851	
Generator 4 Power Output (kW/hr)		16,160	14,603	14,999	19,893	19,892	8,573	19,890	19,889	19,888	19,887	19,886	19,885	19,884	19,883	19,882	19,881	19,880	
Gross Power Output (kW/hr)		58,884	58,427	59,183	59,525	59,522	59,518	59,516	59,513	59,510	59,507	59,504	59,701	59,498	59,495	59,492	59,489	59,486	
Net Power Output (kW/hr)		57,200	56,171	57,135	58,323	58,017	58,068	58,238	57,934	58,057	58,031	58,006	58,044	56,504	57,778	57,741	57,629	57,636	
Power Sold as metered by NStar, (kW/hr)		57,059	56,059	57,021	58,206	57,901	57,952	58,122	57,818	57,941	57,915	57,890	57,928	56,391	57,662	57,626	57,514	57,521	
Offgrid RECs (kW/hr)		1,684	2,256	2,048	1,202	1,505	1,450	1,278	1,579	1,453	1,476	1,498	1,657	2,994	1,717	1,751	1,860	1,850	
Calculated Performance Results																			
Daily																			
Power output (kW average when running)																			
Generator 1		610	602	610	824	824	824	824	824	823	823	823	832	823	823	823	823	823	
Generator 2		602	-	-	-	808	-	-	-	-	-	-	-	-	-	-	-	-	
Generator 3		569	635	610	828	828	828	828	828	827	827	827	827	827	827	827	827	827	
Generator 4		673	608	625	829	829	857	829	829	829	829	829	829	829	828	828	828	828	
Power output (kW average over 24-hrs)																			
Facility Gross		2,454	2,434	2,466	2,480	2,480	2,480	2,480	2,480	2,480	2,479	2,479	2,488	2,479	2,479	2,479	2,479	2,479	
Facility Net		2,383	2,340	2,381	2,430	2,417	2,420	2,427	2,414	2,419	2,418	2,417	2,419	2,354	2,407	2,406	2,401	2,402	
In-plant load		70	94	85	50	63	60	53	66	61	62	62	69	125	72	73	78	77	
Daily availability factor																			
Facility		100%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	
Engine 1		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	
Engine 2		100%	0%	0%	0%	0%	58%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
Engine 3		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	
Engine 4		100%	100%	100%	100%	100%	42%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	
Daily capacity factor																			
Facility		74%	74%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	
Engine 1		74%	73%	74%	100%	100%	100%	100%	100%	100%	100%	100%	101%	100%	100%	100%	100%	100%	
Engine 2		73%	0%	0%	0%	0%	98%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
Engine 3		69%	77%	74%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	
Engine 4		82%	74%	76%	100%	100%	104%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	
Cumulative by engine																			
Engine operating run hours in the month																			
Max Cumulative Available, hours		24	48	72	96	120	144	168	192	216	240	264	288	312	336	360	384	408	
Engine 1		24	48	72	96	120	144	168	192	216	240	264	288	312	336	360	384	408	
Engine 2		24	24	24	24	24	38	38	38	38	38	38	38	38	38	38	38	38	
Engine 3		24	48	72	96	120	144	168	192	216	240	264	288	312	336	360	384	408	
Engine 4		24	48	72	96	120	130	154	178	202	226	250	274	298	322	346	370	394	
Engine operating run hours total from 0 hours																			
Engine 1		73,364	73,388	73,412	73,436	73,460	73,484	73,508	73,532	73,556	73,580	73,604	73,628	73,652	73,676	73,700	73,724	73,748	
Engine 2		69,191	69,215	69,215	69,215	69,215	69,229	69,229	69,229	69,229	69,229	69,229	69,229	69,229	69,229	69,229	69,229	69,229	
Engine 3		71,546	71,570	71,594	71,618	71,642	71,666	71,690	71,714	71,738	71,762	71,786	71,810	71,834	71,858	71,882	71,906	71,930	
Engine 4		69,483	69,507	69,531	69,555	69,579	69,603	69,613	69,637	69,661	69,685	69,709	69,733	69,757	69,781	69,805	69,829	69,853	
Cumulative availability, %																			
January 1, 2015 @ 00:00 hours																			
Engine 1		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	
Engine 2		100%	50%	33%	25%	20%	26%	23%	20%	18%	16%	14%	13%	12%	11%	11%	10%	9%	
Engine 3		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	
Engine 4		100%	100%	100%	100%	100%	90%	92%	93%	94%	94%	95%	95%	96%	96%	96%	96%	97%	
Engine cumulative gross output, kW/hr																			
Max cumulative capacity one engine		825	1,650	2,475	3,300	4,125	4,950	5,775	6,600	7,425	8,250	9,075	9,900	10,725	11,550	12,375	13,200	14,025	
Engine 1		610	1,211	1,821	2,645	3,468	4,292	5,116	5,939	6,763	7,586	8,409	9,241	10,064	10,888	11,711	12,534	13,357	
Engine 2		602	602	602	602	602	1,410	1,410	1,410	1,410	1,410	1,410	1,410	1,410	1,410	1,410	1,410	1,410	
Engine 3		569	1,204	1,814	2,642	3,469	4,297	5,125	5,952	6,779	7,607	8,434	9,262	10,089	10,916	11,743	12,571	13,398	
Engine 4		673	1,282	1,907	2,736	3,564	4,422	5,251	6,079	6,908	7,737	8,565	9,394	10,222	11,051	11,879	12,707	13,536	
Cumulative capacity factor, %																			
Engine 1		74%	73%	74%	80%	84%	87%	89%	90%	91%	92%	93%	93%	94%	94%	95%	95%	95%	
Engine 2		73%	36%	24%	18%	15%	28%	24%	21%	19%	17%	16%	14%	13%	12%	11%	11%	10%	
Engine 3		69%	73%	73%	80%	84%	87%	89%	90%	91%	92%	93%	94%	94%	95%	95%	95%	96%	
Engine 4		82%	78%	77%	83%	86%	89%	91%	92%	93%	94%	94%	95%	95%	96%	96%	96%	97%	

		Thursday 1/1/2015	Friday 1/2/2015	Saturday 1/3/2015	Sunday 1/4/2015	Monday 1/5/2015	Tuesday 1/6/2015	Wednesday 1/7/2015	Thursday 1/8/2015	Friday 1/9/2015	Saturday 1/10/2015	Sunday 1/11/2015	Monday 1/12/2015	Tuesday 1/13/2015	Wednesday 1/14/2015	Thursday 1/15/2015	Friday 1/16/2015	Saturday 1/17/2015
Cumulative by Facility in month																		
Max cumulative available engine run hours		96	192	288	384	480	576	672	768	864	960	1,056	1,152	1,248	1,344	1,440	1,536	1,632
Actual cumulative engine run hours		96	168	240	312	384	456	528	600	672	744	816	888	960	1,032	1,104	1,176	1,248
Cumulative Availability, %		100.0%	87.5%	83.3%	81.3%	80.0%	79.2%	78.6%	78.1%	77.8%	77.5%	77.3%	77.1%	76.9%	76.8%	76.7%	76.6%	76.5%
Max cumulative gross output, kWhr		79,200	158,400	237,600	316,800	396,000	475,200	554,400	633,600	712,800	792,000	871,200	950,400	1,029,600	1,108,800	1,188,000	1,267,200	1,346,400
Actual cumulative gross output, kWhr		58,884	117,311	176,494	236,019	295,541	355,059	414,575	474,088	533,598	593,105	652,609	712,310	771,808	831,303	890,795	950,284	1,009,770
Cumulative Capacity Factor		74.3%	74.1%	74.3%	74.5%	74.6%	74.7%	74.8%	74.8%	74.9%	74.9%	74.9%	74.9%	75.0%	75.0%	75.0%	75.0%	75.0%
Cumulative fuel input, MMBtu HHV		758	1,508	2,262	3,015	3,767	4,518	5,268	6,017	6,765	7,512	8,258	9,003	9,747	10,490	11,232	11,973	12,713
Cumulative gross output, kWhr		58,884	117,311	176,494	236,019	295,541	355,059	414,575	474,088	533,598	593,105	652,609	712,310	771,808	831,303	890,795	950,284	1,009,770
Heat Rate																		
Daily heat rate, Btu/kWe gross LHV		11,583	11,555	11,469	11,388	11,373	11,359	11,345	11,329	11,315	11,300	11,286	11,233	11,257	11,242	11,228	11,213	11,198
Daily heat rate, Btu/kWe gross HHV		12,868	12,837	12,740	12,650	12,634	12,618	12,603	12,585	12,569	12,553	12,537	12,479	12,505	12,488	12,472	12,456	12,440
Cumulative heat rate, Btu/kWe gross LHV		11,583	11,569	11,536	11,498	11,473	11,454	11,438	11,425	11,412	11,401	11,391	11,377	11,368	11,359	11,350	11,342	11,333
Cumulative heat rate, Btu/kWe gross HHV		12,868	12,852	12,815	12,773	12,745	12,724	12,707	12,691	12,678	12,665	12,654	12,639	12,629	12,619	12,609	12,599	12,590
Cumulative by Facility starting Calendar Year																		
Max cumulative available engine run hours		96	192	288	384	480	576	672	768	864	960	1,056	1,152	1,248	1,344	1,440	1,536	1,632
Actual cumulative engine run hours		96	168	240	312	384	456	528	600	672	744	816	888	960	1,032	1,104	1,176	1,248
Cumulative Availability, %		100.0%	87.5%	83.3%	81.3%	80.0%	79.2%	78.6%	78.1%	77.8%	77.5%	77.3%	77.1%	76.9%	76.8%	76.7%	76.6%	76.5%
Max cumulative gross output, kWhr		79,200	158,400	237,600	316,800	396,000	475,200	554,400	633,600	712,800	792,000	871,200	950,400	1,029,600	1,108,800	1,188,000	1,267,200	1,346,400
Actual cumulative gross output, kWhr		58,884	117,311	176,494	236,019	295,541	355,059	414,575	474,088	533,598	593,105	652,609	712,310	771,808	831,303	890,795	950,284	1,009,770
Cumulative Capacity Factor		74.3%	74.1%	74.3%	74.5%	74.6%	74.7%	74.8%	74.8%	74.9%	74.9%	74.9%	74.9%	75.0%	75.0%	75.0%	75.0%	75.0%
Cumulative fuel input, MMBtu HHV		758	1,508	2,262	3,015	3,767	4,518	5,268	6,017	6,765	7,512	8,258	9,003	9,747	10,490	11,232	11,973	12,713
Cumulative gross output, kWhr		58,884	117,311	176,494	236,019	295,541	355,059	414,575	474,088	533,598	593,105	652,609	712,310	771,808	831,303	890,795	950,284	1,009,770
Cumulative heat rate, Btu/kWe gross LHV		11,583	11,569	11,536	11,498	11,473	11,454	11,438	11,425	11,412	11,401	11,391	11,377	11,368	11,359	11,350	11,342	11,333
Cumulative heat rate, Btu/kWe gross HHV		12,868	12,852	12,815	12,773	12,745	12,724	12,707	12,691	12,678	12,665	12,654	12,639	12,629	12,619	12,609	12,599	12,590
Service																		
Engine 1																		
Engine 2																		
Engine 3																		
Engine 4																		
Oil - oil and filter change																		
Service - plugs, air filter, valve inspection and adjustment																		
Precipitation																		
NSTAR Power Reports		Thursday 1/1/2015	Friday 1/2/2015	Saturday 1/3/2015	Sunday 1/4/2015	Monday 1/5/2015	Tuesday 1/6/2015	Wednesday 1/7/2015	Thursday 1/8/2015	Friday 1/9/2015	Saturday 1/10/2015	Sunday 1/11/2015	Monday 1/12/2015	Tuesday 1/13/2015	Wednesday 1/14/2015	Thursday 1/15/2015	Friday 1/16/2015	Saturday 1/17/2015
Date																		
Hour																		
1		2,420	2,371	2,323	2,422	2,427	2,412	2,427	2,420	2,422	2,415	2,414	2,413	2,420	2,405	2,402	2,403	2,397
2		2,418	2,371	2,322	2,423	2,427	2,411	2,425	2,418	2,420	2,412	2,411	2,411	2,418	2,405	2,402	2,401	2,394
3		2,417	2,372	2,321	2,426	2,424	2,411	2,423	2,417	2,419	2,414	2,408	2,412	2,417	2,405	2,403	2,401	2,396
4		2,417	2,332	2,320	2,425	2,424	2,411	2,424	2,417	2,420	2,414	2,409	2,413	2,416	2,405	2,402	2,403	2,396
5		2,417	2,324	2,321	2,425	2,425	2,414	2,426	2,418	2,421	2,415	2,412	2,416	2,418	2,405	2,402	2,403	2,396
6		2,409	2,323	2,321	2,424	2,422	2,412	2,425	2,415	2,420	2,412	2,411	2,414	2,415	2,403	2,402	2,403	2,395
7		2,369	2,322	2,320	2,424	2,422	2,411	2,423	2,413	2,420	2,414	2,408	2,414	2,414	2,404	2,402	2,403	2,394
8		2,370	2,322	2,320	2,424	2,423	2,412	2,425	2,416	2,422	2,414	2,411	2,414	2,415	2,403	2,401	2,402	2,397
9		2,372	2,325	2,323	2,426	2,420	2,405	2,422	2,374	2,414	2,414	2,414	2,412	2,414	2,404	2,400	2,401	2,398
10		2,337	2,316	2,323	2,425	2,416	2,330	2,416	2,338	2,415	2,413	2,411	2,408	2,378	2,398	2,399	2,392	2,397
11		2,325	2,320	2,355	2,425	2,391	2,427	2,415	2,389	2,410	2,412	2,414	2,403	2,385	2,396	2,401	2,394	2,396
12		2,327	2,321	2,420	2,425	2,332	2,412	2,424	2,387	2,405	2,414	2,414	2,408	2,405	2,400	2,401	2,393	2,396
13		2,371	2,327	2,420	2,429	2,417	2,414	2,420	2,384	2,406	2,417	2,416	2,409	2,405	2,403	2,399	2,394	2,398
14		2,376	2,365	2,419	2,427	2,418	2,417	2,421	2,395	2,403	2,416	2,414	2,412	2,406	2,399	2,395	2,388	2,398
15		2,374	2,377	2,417	2,426	2,423	2,422	2,420	2,418	2,409	2,415	2,414	2,411	2,403	2,399	2,399	2,389	2,398
16		2,374	2,375	2,418	2,426	2,407	2,417	2,417	2,418	2,403	2,414	2,413	2,408	2,014	2,401	2,398	2,390	2,397
17		2,373	2,345	2,420	2,428	2,407	2,429	2,423	2,423	2,411	2,414	2,414	2,413	1,541	2,406	2,406	2,394	2,397
18		2,371	2,323	2,419	2,426	2,411	2,429	2,423	2,425	2,416	2,411	2,411	2,419	2,267	2,406	2,404	2,397	2,397
19		2,371	2,322	2,417	2,424	2,411	2,427	2,422	2,423	2,415	2,411	2,411	2,419	2,413	2,404	2,402	2,396	2,398
20		2,370	2,320	2,419	2,425	2,411	2,426	2,422	2,422	2,414	2,410	2,411	2,419	2,408	2,405	2,402	2,393	2,398
21		2,372	2,323	2,421	2,427	2,412	2,427	2,422	2,423	2,415	2,413	2,412	2,421	2,408	2,404	2,403	2,394	2,397
22		2,370	2,321	2,420	2,425	2,411	2,426	2,419	2,422	2,414	2,411	2,412	2,420	2,405	2,403	2,400	2,391	2,398
23		2,369	2,321	2,422	2,425	2,410	2,425	2,419	2,422	2,414	2,410	2,412	2,420	2,403	2,402	2,400	2,395	2,396
24		2,370	2,321	2,420	2,424	2,410	2,425	2,419	2,421	2,413	2,410	2,413	2,419	2,403	2,397	2,401	2,394	2,397
TOTAL		57,059	56,059	57,021	58,206	57,901	57,952	58,122	57,818	57,941	57,915	57,890	57,928	56,391	57,662	57,626	57,514	57,521
Cumulative Output Sold, kWhr		57,059	113,118	170,139	228,345	286,246	344,198	402,320	460,138	518,079	575,994	633,884	691,812	748,203	805,865	863,491	921,005	978,526
Transformer and line efficiency		99.8%	99.8%	99.8%	99.8%	99.8%	99.8%	99.8%	99.8%	99.8%	99.8%	99.8%	99.8%	99.8%	99.8%	99.8%	99.8%	99.8%
Hourly average		2,377	2,336	2,376	2,425	2,413	2,415	2,422	2,409	2,414	2,413	2,412	2,414	2,350	2,403	2,401	2,396	2,397

JANUARY 2015																	
CNBE Daily Reports Summary Data																	
	Sunday 1/18/2015	Monday 1/19/2015	Tuesday 1/20/2015	Wednesday 1/21/2015	Thursday 1/22/2015	Friday 1/23/2015	Saturday 1/24/2015	Sunday 1/25/2015	Monday 1/26/2015	Tuesday 1/27/2015	Wednesday 1/28/2015	Thursday 1/29/2015	Friday 1/30/2015	Saturday 1/31/2015	TOTAL	Biogas	LFG
LFG and Biogas Flow to the Engine	1,426	1,425	1,424	1,423	1,422	1,402	1,370	1,328	1,425	1,423	1,495	1,439	1,458	1,491	44,344	446	43,898
LFG and Biogas Flow to the Engine (t)	739	738	737	736	735	728	739	692	745	747	712	708	704	702	22,873	339	22,535
LFG and Biogas Flow to the Flare (t)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.5%	
LFG and BiogasFlow to the Flare (MMBTU)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
LFG and Biogas Total Flow (KSCF)	1,426	1,425	1,424	1,423	1,422	1,402	1,370	1,328	1,425	1,423	1,495	1,439	1,458	1,491	44,344		
LFG and Biogas Total Flow (MMBTU)	739	738	737	736	735	728	739	692	745	747	712	708	704	702	22,873		
Average Methane Content (%)	51.2	51.2	51.1	51.1	51.1	51.3	53.3	51.5	51.6	51.9	47.1	48.6	47.7	46.5	51.0		
Engine 1 Hours	24	24	24	20	24	24	24	24	24	24	24	12	-	-	680		
Engine 2 Hours	-	-	-	2	-	-	-	-	-	-	-	14	24	24	102		
Engine 3 Hours	24	24	24	20	24	24	24	24	24	24	24	24	24	24	740		
Engine 4 Hours	24	24	24	20	24	24	24	24	24	24	24	24	24	24	726		
Generator 1 Power Output (kW/hr)	19,754	19,753	19,752	15,460	19,750	19,735	19,868	19,874	19,872	19,868	19,014	8,504	-	-	541,773		
Generator 2 Power Output (kW/hr)	-	-	-	1,405	-	-	-	-	-	-	-	8,688	19,142	19,152	103,190		
Generator 3 Power Output (kW/hr)	19,850	19,849	19,848	15,808	19,846	19,841	19,974	19,978	19,978	19,976	19,178	19,496	19,872	19,986	595,023		
Generator 4 Power Output (kW/hr)	19,879	19,878	19,877	16,349	19,876	19,382	19,946	19,945	19,946	19,948	18,850	19,296	19,962	19,964	585,953		
Gross Power Output (kW/hr)	59,483	59,480	59,477	49,022	59,472	58,958	59,773	59,784	59,783	59,767	57,035	55,957	58,976	59,069	1,825,806		
Net Power Output (kW/hr)	57,578	57,138	57,298	47,077	57,680	57,042	58,168	58,104	58,024	58,000	55,232	54,256	57,080	57,200	1,770,389		
Power Sold as metered by NStar, (kWh)	57,463	57,024	57,183	46,983	57,553	56,928	58,053	57,969	57,908	57,914	55,147	54,159	56,982	57,057	1,766,849		
Offgrid RECs (kW/hr)	1,905	2,342	2,179	1,945	1,792	1,916	1,604	1,680	1,759	1,767	1,803	1,701	1,896	1,869	55,416		
Calculated Performance Results																	
Daily																	
Power output (kW average when operating)																	
Generator 1	823	823	823	773	823	822	828	828	828	828	792	709	-	-			
Generator 2	-	-	-	703	-	-	-	-	-	-	-	621	798	798			
Generator 3	827	827	827	790	827	827	832	832	832	832	799	812	828	833			
Generator 4	828	828	828	817	828	808	831	831	831	831	785	804	832	832			
Power output (kW average over 24 hours)																	
Facility Gross	2,478	2,478	2,478	2,043	2,478	2,457	2,491	2,491	2,491	2,490	2,376	2,332	2,457	2,461			
Facility Net	2,399	2,381	2,387	1,962	2,403	2,377	2,424	2,421	2,418	2,417	2,301	2,261	2,378	2,383			
In-plant load	79	98	91	81	75	80	67	70	73	74	75	71	79	78			
Daily availability factor																	
Facility	75%	75%	75%	65%	75%	75%	75%	75%	75%	75%	75%	77%	75%	75%			
Engine 1	100%	100%	100%	83%	100%	100%	100%	100%	100%	100%	100%	100%	50%	0%			
Engine 2	0%	0%	0%	8%	0%	0%	0%	0%	0%	0%	0%	58%	100%	100%			
Engine 3	100%	100%	100%	83%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%			
Engine 4	100%	100%	100%	83%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%			
Daily capacity factor																	
Facility	75%	75%	75%	62%	75%	74%	75%	75%	75%	75%	72%	71%	74%	75%			
Engine 1	100%	100%	100%	94%	100%	100%	100%	100%	100%	100%	96%	86%	0%	0%			
Engine 2	0%	0%	0%	85%	0%	0%	0%	0%	0%	0%	0%	75%	97%	97%			
Engine 3	100%	100%	100%	96%	100%	100%	101%	101%	101%	101%	97%	98%	100%	101%			
Engine 4	100%	100%	100%	99%	100%	98%	101%	101%	101%	101%	95%	97%	101%	101%			
Cumulative by engine																	
Engine operating run hours in the month																	
Max Cumulative Available, (hrs)	432	456	480	504	528	552	576	600	624	648	672	696	720	720			
Engine 1	432	456	480	500	524	548	572	596	620	644	668	680	680	680			
Engine 2	38	38	38	40	40	40	40	40	40	40	40	54	78	78			
Engine 3	432	456	480	500	524	548	572	596	620	644	668	692	716	716			
Engine 4	418	442	466	486	510	534	558	582	606	630	654	678	702	702			
Engine operating run hours total																	
Engine 1	73,796	73,820	73,844	73,864	73,888	73,912	73,936	73,960	73,984	74,008	74,032	74,044	74,044	74,044			
Engine 2	69,229	69,229	69,229	69,231	69,231	69,231	69,231	69,231	69,231	69,231	69,231	69,245	69,269	69,269			
Engine 3	71,978	72,002	72,026	72,046	72,070	72,094	72,118	72,142	72,166	72,190	72,214	72,238	72,262	72,262			
Engine 4	69,901	69,925	69,949	69,969	69,993	70,017	70,041	70,065	70,089	70,113	70,137	70,161	70,185	70,185			
Cumulative availability, %																	
Engine 1	100%	100%	100%	99%	99%	99%	99%	99%	99%	99%	99%	98%	94%	94%			
Engine 2	9%	8%	8%	8%	8%	7%	7%	7%	6%	6%	6%	8%	11%	11%			
Engine 3	100%	100%	100%	99%	99%	99%	99%	99%	99%	99%	99%	99%	99%	99%			
Engine 4	97%	97%	97%	96%	97%	97%	97%	97%	97%	97%	97%	97%	98%	98%			
Engine cumulative gross output																	
Max cumulative capacity of engines	14,850	15,675	16,500	17,325	18,150	18,975	19,800	20,625	21,450	22,275	23,100	23,925	24,750	24,750			
Engine 1	14,180	15,003	15,826	16,599	17,422	18,244	19,072	19,900	20,728	21,556	22,384	23,212	23,057	23,057			
Engine 2	1,410	1,410	1,410	2,113	2,113	2,113	2,113	2,113	2,113	2,113	2,113	2,733	3,531	3,531			
Engine 3	14,225	15,052	15,879	16,669	17,496	18,323	19,155	19,987	20,820	21,652	22,481	23,264	24,092	24,096			
Engine 4	14,364	15,192	16,020	16,838	17,666	18,474	19,305	20,136	20,967	21,798	22,583	23,387	24,219	24,219			
Cumulative capacity factor, %																	
Engine 1	95%	96%	96%	96%	96%	96%	96%	96%	97%	97%	97%	96%	93%	93%			
Engine 2	9%	9%	9%	12%	12%	11%	11%	10%	10%	9%	9%	11%	14%	14%			
Engine 3	96%	96%	96%	96%	96%	96%	97%	97%	97%	97%	97%	97%	97%	97%			
Engine 4	97%	97%	97%	97%	97%	97%	97%	98%	98%	98%	98%	98%	98%	98%			

	Sunday 1/18/2015	Monday 1/19/2015	Tuesday 1/20/2015	Wednesday 1/21/2015	Thursday 1/22/2015	Friday 1/23/2015	Saturday 1/24/2015	Sunday 1/25/2015	Monday 1/26/2015	Tuesday 1/27/2015	Wednesday 1/28/2015	Thursday 1/29/2015	Friday 1/30/2015	Saturday 1/31/2015	TOTAL	Biogas	LFG
Cumulative by Facility in month																	
Max cumulative available engine run h	1,728	1,824	1,920	2,016	2,112	2,208	2,304	2,400	2,496	2,592	2,688	2,784	2,880	2,880			
Actual cumulative engine run h	1,320	1,392	1,464	1,526	1,598	1,670	1,742	1,814	1,886	1,958	2,030	2,104	2,176	2,176			
Cumulative Availability, %	76.4%	76.3%	76.3%	75.7%	75.7%	75.6%	75.6%	75.6%	75.6%	75.5%	75.5%	75.6%	75.6%	75.6%			
Max cumulative gross output, kWh	1,425,600	1,504,800	1,584,000	1,663,200	1,742,400	1,821,600	1,900,800	1,980,000	2,059,200	2,138,400	2,217,600	2,296,800	2,376,000	2,376,000			
Actual cumulative gross output, kWh	1,069,253	1,128,733	1,188,210	1,237,232	1,296,704	1,355,662	1,415,435	1,475,219	1,535,002	1,594,769	1,651,804	1,707,761	1,766,737	1,766,830			
Cumulative Capacity Factor	75.0%	75.0%	75.0%	74.4%	74.4%	74.4%	74.5%	74.5%	74.5%	74.6%	74.5%	74.4%	74.4%	74.4%			
Cumulative fuel input, MMBtu H	13,452	14,190	14,927	15,663	16,398	17,126	17,864	18,556	19,300	20,048	20,760	21,468	22,172	22,169			
Cumulative gross output, kWh	1,069,253	1,128,733	1,188,210	1,237,232	1,296,704	1,355,662	1,415,435	1,475,219	1,535,002	1,594,769	1,651,804	1,707,761	1,766,737	1,766,830			
Heat Rate																	
Daily heat rate, Btu/kWe gross	11,184	11,169	11,155	13,512	11,125	11,115	11,125	10,412	11,212	11,254	11,239	11,391	10,746	10,692			
Daily heat rate, Btu/kWe gross	12,424	12,408	12,391	15,010	12,359	12,348	12,358	11,567	12,455	12,502	12,485	12,654	11,937	11,878			
Cumulative heat rate, Btu/kWe	11,325	11,317	11,309	11,396	11,384	11,372	11,361	11,323	11,319	11,316	11,314	11,316	11,297	11,295			
Cumulative heat rate, Btu/kWe	12,581	12,571	12,562	12,659	12,646	12,633	12,621	12,578	12,574	12,571	12,568	12,571	12,550	12,548			
Cumulative by Facility starting 1/18/2015																	
Max cumulative available engine run h	1,728	1,824	1,920	2,016	2,112	2,208	2,304	2,400	2,496	2,592	2,688	2,784	2,880	2,880			
Actual cumulative engine run h	1,320	1,392	1,464	1,526	1,598	1,670	1,742	1,814	1,886	1,958	2,030	2,104	2,176	2,176			
Cumulative Availability, %	76.4%	76.3%	76.3%	75.7%	75.7%	75.6%	75.6%	75.6%	75.6%	75.5%	75.5%	75.6%	75.6%	75.6%			
Max cumulative gross output, kWh	1,425,600	1,504,800	1,584,000	1,663,200	1,742,400	1,821,600	1,900,800	1,980,000	2,059,200	2,138,400	2,217,600	2,296,800	2,376,000	2,376,000			
Actual cumulative gross output, kWh	1,069,253	1,128,733	1,188,210	1,237,232	1,296,704	1,355,662	1,415,435	1,475,219	1,535,002	1,594,769	1,651,804	1,707,761	1,766,737	1,766,830			
Cumulative Capacity Factor	75.0%	75.0%	75.0%	74.4%	74.4%	74.4%	74.5%	74.5%	74.5%	74.6%	74.5%	74.4%	74.4%	74.4%			
Cumulative fuel input, MMBtu H	13,452	14,190	14,927	15,663	16,398	17,126	17,864	18,556	19,300	20,048	20,760	21,468	22,172	22,169			
Cumulative gross output, kWh	1,069,253	1,128,733	1,188,210	1,237,232	1,296,704	1,355,662	1,415,435	1,475,219	1,535,002	1,594,769	1,651,804	1,707,761	1,766,737	1,766,830			
Cumulative heat rate, Btu/kWe	11,325	11,317	11,309	11,396	11,384	11,372	11,361	11,323	11,319	11,316	11,314	11,316	11,297	11,295			
Cumulative heat rate, Btu/kWe	12,581	12,571	12,562	12,659	12,646	12,633	12,621	12,578	12,574	12,571	12,568	12,571	12,550	12,548			
Service																	
Engine 1				District breaks													
Engine 2				LFG header shutting down plant.						Northeaster	LFGCS leak						
Engine 3										snow storm	District troubleshooting						
Engine 4										2 foot snow,	Low methane, high oxygen						
Oil - oil and filter change																	
Service - plugs, air filter, valve inspect										high winds	High vacuum, low load						
Precipitation																	
NSTAR Power Reports	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	TOTAL		
Date	1/18/2015	1/19/2015	1/20/2015	1/21/2015	1/22/2015	1/23/2015	1/24/2015	1/25/2015	1/26/2015	1/27/2015	1/28/2015	1/29/2015	1/30/2015	1/31/2015			
Hour																	
1	2,399	2,393	2,399	2,395	2,420	2,384	2,420	2,417	2,414	2,415	2,410	2,271	2,379	2,381			
2	2,395	2,389	2,396	2,394	2,417	2,383	2,418	2,414	2,412	2,415	2,408	2,271	2,376	2,378			
3	2,394	2,388	2,395	2,394	2,417	2,383	2,416	2,414	2,413	2,415	2,403	2,271	2,377	2,376			
4	2,393	2,388	2,397	2,394	2,417	2,383	2,416	2,416	2,415	2,416	2,403	2,290	2,378	2,379			
5	2,395	2,389	2,399	2,395	2,418	2,385	2,420	2,416	2,416	2,414	2,405	2,320	2,379	2,378			
6	2,394	2,386	2,397	2,394	2,415	2,383	2,418	2,414	2,414	2,409	2,402	2,319	2,375	2,378			
7	2,395	2,387	2,397	2,394	2,419	2,384	2,419	2,415	2,415	2,408	2,405	2,320	2,375	2,377			
8	2,396	2,388	2,397	2,074	2,418	2,383	2,421	2,418	2,417	2,414	2,408	2,321	2,377	2,379			
9	2,396	2,386	2,397	-	2,391	2,380	2,420	2,418	2,408	2,417	2,276	2,075	2,376	2,381			
10	2,392	2,033	2,368	-	2,268	2,260	2,420	2,416	2,399	2,417	2,021	2,133	2,364	2,379			
11	2,394	2,317	2,363	-	2,409	1,840	2,420	2,412	2,407	2,417	2,221	2,118	2,367	2,377			
12	2,396	2,392	2,363	-	2,405	2,384	2,419	2,415	2,409	2,416	2,154	2,188	2,368	2,377			
13	2,397	2,393	2,385	1,322	2,414	2,406	2,419	2,418	2,410	2,417	2,162	2,212	2,367	2,380			
14	2,396	2,396	2,395	2,586	2,414	2,413	2,420	2,416	2,404	2,413	2,235	2,368	2,368	2,378			
15	2,394	2,396	2,187	2,466	2,414	2,414	2,420	2,417	2,410	2,415	2,275	2,013	2,367	2,378			
16	2,394	2,400	2,388	2,417	2,411	2,414	2,421	2,416	2,409	2,417	2,309	2,191	2,375	2,380			
17	2,394	2,404	2,398	2,416	2,394	2,417	2,420	2,418	2,417	2,418	2,313	1,864	2,375	2,379			
18	2,392	2,403	2,396	2,420	2,386	2,419	2,418	2,414	2,417	2,416	2,315	2,340	2,377	2,372			
19	2,393	2,402	2,395	2,420	2,384	2,419	2,419	2,414	2,415	2,406	2,269	2,376	2,377	2,373			
20	2,393	2,399	2,395	2,421	2,386	2,418	2,420	2,415	2,416	2,405	2,270	2,380	2,378	2,375			
21	2,394	2,401	2,397	2,420	2,385	2,420	2,418	2,415	2,417	2,408	2,272	2,380	2,378	2,374			
22	2,393	2,398	2,393	2,421	2,384	2,418	2,417	2,414	2,417	2,409	2,271	2,379	2,378	2,374			
23	2,392	2,397	2,392	2,420	2,383	2,418	2,417	2,414	2,419	2,408	2,269	2,380	2,374	2,375			
24	2,392	2,399	2,394	2,420	2,384	2,420	2,417	2,413	2,418	2,409	2,271	2,379	2,377	2,379			
TOTAL	57,463	57,024	57,183	46,983	57,553	56,928	58,053	57,969	57,908	57,914	55,147	54,159	56,982	57,057			
Cumulative Output Sold, kWh	1,035,989	1,093,013	1,150,196	1,197,179	1,254,732	1,311,660	1,369,713	1,427,682	1,485,590	1,543,504	1,598,651	1,652,810	1,709,792	1,766,849			
Transformer and line efficient	99.8%	99.8%	99.8%	99.8%	99.8%	99.8%	99.8%	99.8%	99.8%	99.9%	99.8%	99.8%	99.8%	99.8%	0.0%		
Hourly average	2,394	2,376	2,383	1,958	2,398	2,372	2,419	2,415	2,413	2,413	2,298	2,257	2,374	2,377	2,375		

FEBRUARY 2015																		
CNBE Daily Reports Summary Data																		
		Sunday 2/1/2015	Monday 2/2/2015	Tuesday 2/3/2015	Wednesday 2/4/2015	Thursday 2/5/2015	Friday 2/6/2015	Saturday 2/7/2015	Sunday 2/8/2015	Monday 2/9/2015	Tuesday 2/10/2015	Wednesday 2/11/2015	Thursday 2/12/2015	Friday 2/13/2015	Saturday 2/14/2015	Sunday 2/15/2015	Monday 2/16/2015	Tuesday 2/17/2015
LFG and Biogas Flow to the Engines (KSCF)		1,523	1,447	1,473	1,428	1,383	1,406	1,371	1,363	1,332	1,367	1,374	1,372	1,321	1,270	1,341	1,356	1,368
LFG and Biogas Flow to the Engines (MMBTU H)		717	709	695	694	668	705	721	717	700	718	724	733	694	679	717	706	715
LFG and Biogas Flow to the Flare (KSCF)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LFG and Biogas Flow to the Flare (MMBTU HHV)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LFG and Biogas Total Flow (KSCF)		1,523	1,447	1,473	1,428	1,383	1,406	1,371	1,363	1,332	1,367	1,374	1,372	1,321	1,270	1,341	1,356	1,368
LFG and Biogas Total Flow (MMBTU HHV)		717	709	695	694	668	705	721	717	700	718	724	733	694	679	717	706	715
Average Methane Content (%)		46.5	48.5	46.6	48.0	47.8	49.6	51.9	51.9	51.9	51.9	52.0	52.8	51.9	52.9	52.8	51.4	51.6
Engine 1 Hours		-	-	-	-	-	-	-	-	14	24	24	13	4	-	-	-	-
Engine 2 Hours		24	24	24	24	24	24	24	24	12	-	15	24	24	24	24	24	24
Engine 3 Hours		24	24	24	24	24	24	24	24	24	24	24	24	22	24	24	24	24
Engine 4 Hours		24	24	24	24	24	24	24	24	24	24	10	12	23	24	24	24	24
Generator 1 Power Output (kWhr)		-	-	-	-	-	-	-	-	9,614	17,874	17,874	9,000	2,318	-	-	-	-
Generator 2 Power Output (kWhr)		19,134	19,138	18,658	18,916	18,548	19,074	19,976	19,978	8,780	-	11,566	19,468	19,028	19,694	18,872	19,238	18,780
Generator 3 Power Output (kWhr)		19,966	19,970	18,968	18,920	18,574	19,074	18,978	18,792	18,850	18,800	19,480	18,406	15,628	17,296	17,762	17,144	17,952
Generator 4 Power Output (kWhr)		19,948	19,948	18,662	18,676	18,544	18,734	18,762	18,760	19,376	19,948	7,774	9,730	18,142	19,956	17,790	17,176	17,990
Gross Power Output (kWhr)		59,027	58,994	56,258	56,492	55,639	56,829	57,684	57,484	56,604	56,615	56,696	56,584	55,093	56,906	54,376	53,495	54,642
Net Power Output (kWhr)		57,192	57,136	54,344	54,440	53,552	54,864	55,744	55,536	54,600	54,704	54,808	54,688	53,128	54,880	52,256	51,488	52,616
Power Sold as metered by NStar, (kWhr)		57,067	57,028	54,262	54,304	53,426	54,788	55,608	55,396	54,462	54,578	54,696	54,582	53,030	54,785	52,165	51,457	52,596
Offgrid RECs (kWhr)		1,835	1,857	1,915	2,052	2,088	1,965	1,940	1,947	2,003	1,911	1,888	1,898	1,964	2,026	2,121	2,006	2,025
Calculated Performance Results																		
Daily																		
Power output (kW average when running)																		
Generator 1		-	-	-	-	-	-	-	-	687	745	745	692	580	-	-	-	-
Generator 2		797	797	777	788	773	795	832	832	732	-	771	811	793	821	786	802	783
Generator 3		832	832	790	788	774	795	791	783	785	783	812	767	710	721	740	714	748
Generator 4		831	831	778	778	773	781	782	782	807	831	777	811	789	832	741	716	750
Power output (kW average over 24-hrs)																		
Facility Gross		2,459	2,458	2,344	2,354	2,318	2,368	2,404	2,395	2,359	2,359	2,362	2,358	2,296	2,371	2,266	2,229	2,277
Facility Net		2,383	2,381	2,264	2,268	2,231	2,286	2,323	2,314	2,275	2,279	2,284	2,279	2,214	2,287	2,177	2,145	2,192
In-plant load		76	77	80	86	87	82	81	81	84	80	79	79	82	84	88	84	84
Daily availability factor																		
Facility		75%	75%	75%	75%	75%	75%	75%	75%	77%	75%	76%	76%	76%	75%	75%	75%	75%
Engine 1		0%	0%	0%	0%	0%	0%	0%	0%	58%	100%	100%	54%	17%	0%	0%	0%	0%
Engine 2		100%	100%	100%	100%	100%	100%	100%	100%	50%	0%	63%	100%	100%	100%	100%	100%	100%
Engine 3		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	92%	100%	100%	100%	100%
Engine 4		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	42%	50%	96%	100%	100%	100%	100%
Daily capacity factor																		
Facility		75%	74%	71%	71%	70%	72%	73%	73%	71%	71%	72%	71%	70%	72%	69%	68%	69%
Engine 1		0%	0%	0%	0%	0%	0%	0%	0%	83%	90%	90%	84%	70%	0%	0%	0%	0%
Engine 2		97%	97%	94%	96%	94%	96%	101%	101%	89%	0%	93%	98%	96%	99%	95%	97%	95%
Engine 3		101%	101%	96%	96%	94%	96%	96%	95%	95%	95%	98%	93%	86%	87%	90%	87%	91%
Engine 4		101%	101%	94%	94%	94%	95%	95%	95%	98%	101%	94%	98%	96%	101%	90%	87%	91%
Cumulative by engine																		
Engine operating run hours in the month																		
Max Cumulative Available, hours		24	48	72	96	120	144	168	192	216	240	264	288	312	336	360	384	408
Engine 1		0	0	0	0	0	0	0	0	14	38	62	75	79	79	79	79	79
Engine 2		24	48	72	96	120	144	168	192	204	204	219	243	267	291	315	339	363
Engine 3		24	48	72	96	120	144	168	192	216	240	264	288	310	334	358	382	406
Engine 4		24	48	72	96	120	144	168	192	216	240	250	262	285	309	333	357	381
Engine operating run hours total from 0 hours																		
Engine 1		74,017	74,017	74,017	74,017	74,017	74,017	74,017	74,017	74,031	74,055	74,079	74,092	74,096	74,096	74,096	74,096	74,096
Engine 2		69,499	69,523	69,547	69,571	69,595	69,619	69,643	69,667	69,691	69,703	69,718	69,742	69,766	69,790	69,814	69,838	69,862
Engine 3		72,262	72,286	72,310	72,334	72,358	72,382	72,406	72,430	72,454	72,478	72,502	72,526	72,550	72,574	72,598	72,622	72,646
Engine 4		70,035	70,059	70,083	70,107	70,131	70,155	70,179	70,203	70,227	70,251	70,275	70,299	70,323	70,347	70,371	70,395	70,419
Cumulative availability, %																		
Engine 1		0%	0%	0%	0%	0%	0%	0%	0%	6%	16%	23%	26%	25%	24%	22%	21%	19%
Engine 2		100%	100%	100%	100%	100%	100%	100%	100%	94%	85%	83%	84%	86%	87%	88%	88%	89%
Engine 3		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99%	99%	99%	99%	100%
Engine 4		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	95%	91%	91%	92%	93%	93%	93%
Engine cumulative gross output, kWhr																		
Max cumulative capacity one engine		825	1,650	2,475	3,300	4,125	4,950	5,775	6,600	7,425	8,250	9,075	9,900	10,725	11,550	12,375	13,200	14,025
Engine 1		-	-	-	-	-	-	-	-	687	1,431	2,176	2,869	3,448	3,448	3,448	3,448	3,448
Engine 2		797	1,595	2,372	3,160	3,933	4,728	5,560	6,393	7,124	7,124	7,895	8,706	9,499	10,320	11,106	11,908	12,690
Engine 3		832	1,664	2,454	3,243	4,017	4,811	5,602	6,385	7,171	7,954	8,766	9,532	10,243	10,963	11,704	12,418	13,166
Engine 4		831	1,662	2,440	3,218	3,991	4,771	5,553	6,335	7,142	7,973	8,751	9,561	10,350	11,182	11,923	12,639	13,388
Cumulative capacity factor, %																		
Engine 1		0%	0%	0%	0%	0%	0%	0%	0%	9%	17%	24%	29%	32%	30%	28%	26%	25%
Engine 2		97%	97%	96%	96%	95%	96%	96%	97%	96%	86%	87%	88%	89%	89%	90%	90%	90%
Engine 3		101%	101%	99%	98%	97%	97%	97%	97%	97%	96%	97%	96%	96%	95%	95%	94%	94%
Engine 4		101%	101%	99%	98%	97%	96%	96%	96%	96%	97%	96%	97%	97%	97%	96%	96%	95%

		Sunday 2/1/2015	Monday 2/2/2015	Tuesday 2/3/2015	Wednesday 2/4/2015	Thursday 2/5/2015	Friday 2/6/2015	Saturday 2/7/2015	Sunday 2/8/2015	Monday 2/9/2015	Tuesday 2/10/2015	Wednesday 2/11/2015	Thursday 2/12/2015	Friday 2/13/2015	Saturday 2/14/2015	Sunday 2/15/2015	Monday 2/16/2015	Tuesday 2/17/2015
Cumulative by Facility in month																		
Max cumulative available engine run hours		96	192	288	384	480	576	672	768	864	960	1,056	1,152	1,248	1,344	1,440	1,536	1,632
Actual cumulative engine run hours		72	144	216	288	360	432	504	576	650	722	795	868	941	1,013	1,085	1,157	1,229
Cumulative Availability, %		75.0%	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%	75.2%	75.2%	75.3%	75.3%	75.4%	75.4%	75.3%	75.3%	75.3%
Max cumulative gross output, kWhr		79,200	158,400	237,600	316,800	396,000	475,200	554,400	633,600	712,800	792,000	871,200	950,400	1,029,600	1,108,800	1,188,000	1,267,200	1,346,400
Actual cumulative gross output, kWhr		59,027	118,021	174,279	230,771	286,410	343,239	400,923	458,407	515,011	571,626	628,322	684,906	739,999	796,905	851,281	904,776	959,418
Cumulative Capacity Factor		74.5%	74.5%	73.3%	72.8%	72.3%	72.2%	72.3%	72.3%	72.3%	72.2%	72.1%	72.1%	71.9%	71.9%	71.7%	71.4%	71.3%
Cumulative fuel input, MMBtu HHV		717	1,426	2,122	2,816	3,484	4,189	4,910	5,627	6,327	7,044	7,768	8,500	9,195	9,874	10,591	11,297	12,011
Cumulative gross output, kWhr		59,027	118,021	174,279	230,771	286,410	343,239	400,923	458,407	515,011	571,626	628,322	684,906	739,999	796,905	851,281	904,776	959,418
Heat Rate																		
Daily heat rate, Btu/kWe gross LHV		10,936	10,823	11,127	11,060	10,809	11,174	11,249	11,223	11,126	11,410	11,487	11,657	11,343	10,746	11,865	11,880	11,776
Daily heat rate, Btu/kWe gross HHV		12,149	12,023	12,361	12,287	12,008	12,413	12,496	12,468	12,360	12,675	12,761	12,949	12,601	11,937	13,180	13,197	13,082
Cumulative heat rate, Btu/kWe gross LHV		10,936	10,880	10,960	10,984	10,950	10,987	11,025	11,050	11,058	11,093	11,129	11,172	11,185	11,154	11,199	11,239	11,270
Cumulative heat rate, Btu/kWe gross HHV		12,149	12,086	12,175	12,202	12,164	12,205	12,247	12,275	12,284	12,323	12,362	12,411	12,425	12,390	12,441	12,485	12,519
Cumulative by Facility starting Calendar Year																		
Max cumulative available engine run hours		2,976	3,072	3,168	3,264	3,360	3,456	3,552	3,648	3,744	3,840	3,936	4,032	4,128	4,224	4,320	4,416	4,512
Actual cumulative engine run hours		2,248	2,320	2,392	2,464	2,536	2,608	2,680	2,752	2,826	2,898	2,971	3,044	3,117	3,189	3,261	3,333	3,405
Cumulative Availability, %		75.5%	75.5%	75.5%	75.5%	75.5%	75.5%	75.5%	75.4%	75.5%	75.5%	75.5%	75.5%	75.5%	75.5%	75.5%	75.5%	75.5%
Max cumulative gross output, kWhr		2,455,200	2,534,400	2,613,600	2,692,800	2,772,000	2,851,200	2,930,400	3,009,600	3,088,800	3,168,000	3,247,200	3,326,400	3,405,600	3,484,800	3,564,000	3,643,200	3,722,400
Actual cumulative gross output, kWhr		1,825,857	1,884,851	1,941,109	1,997,601	2,053,240	2,110,069	2,167,753	2,225,237	2,281,841	2,338,456	2,395,152	2,451,736	2,506,829	2,563,735	2,618,111	2,671,606	2,726,248
Cumulative Capacity Factor		74.4%	74.4%	74.3%	74.2%	74.1%	74.0%	74.0%	73.9%	73.9%	73.8%	73.8%	73.7%	73.6%	73.6%	73.5%	73.3%	73.2%
Cumulative fuel input, MMBtu HHV		22,887	23,596	24,291	24,985	25,653	26,359	27,080	27,796	28,496	29,214	29,937	30,670	31,364	32,043	32,760	33,466	34,181
Cumulative gross output, kWhr		1,825,857	1,884,851	1,941,109	1,997,601	2,053,240	2,110,069	2,167,753	2,225,237	2,281,841	2,338,456	2,395,152	2,451,736	2,506,829	2,563,735	2,618,111	2,671,606	2,726,248
Cumulative heat rate, Btu/kWe gross LHV		11,284	11,269	11,265	11,259	11,247	11,245	11,245	11,245	11,242	11,246	11,252	11,261	11,263	11,251	11,264	11,276	11,286
Cumulative heat rate, Btu/kWe gross HHV		12,535	12,519	12,514	12,508	12,494	12,492	12,492	12,491	12,488	12,493	12,499	12,509	12,511	12,499	12,513	12,527	12,538
Service																		
Engine 1																		
Engine 2																		
Engine 3																		
Engine 4																		
Oil - oil and filter change																		
Service - plugs, air filter, valve inspection and adjustment																		
Precipitation																		
NSTAR Power Reports																		
Date		Sunday 2/1/2015	Monday 2/2/2015	Tuesday 2/3/2015	Wednesday 2/4/2015	Thursday 2/5/2015	Friday 2/6/2015	Saturday 2/7/2015	Sunday 2/8/2015	Monday 2/9/2015	Tuesday 2/10/2015	Wednesday 2/11/2015	Thursday 2/12/2015	Friday 2/13/2015	Saturday 2/14/2015	Sunday 2/15/2015	Monday 2/16/2015	Tuesday 2/17/2015
Hour																		
1		2,379	2,377	2,382	2,211	2,292	2,230	2,356	2,306	2,306	2,272	2,276	2,283	2,268	2,231	2,266	2,121	2,194
2		2,378	2,376	2,377	2,210	2,292	2,232	2,360	2,311	2,311	2,277	2,278	2,283	2,268	2,231	2,267	2,123	2,195
3		2,378	2,376	2,378	2,212	2,293	2,232	2,357	2,308	2,307	2,272	2,271	2,278	2,252	2,226	2,259	2,117	2,188
4		2,378	2,379	2,381	2,212	2,292	2,234	2,349	2,307	2,305	2,272	2,277	2,288	2,225	2,277	2,263	2,123	2,194
5		2,378	2,379	2,380	2,210	2,290	2,234	2,311	2,311	2,310	2,276	2,277	2,333	2,227	2,278	2,266	2,122	2,197
6		2,377	2,378	2,380	2,209	2,293	2,234	2,310	2,309	2,307	2,276	2,271	2,326	2,220	2,273	2,261	2,117	2,192
7		2,379	2,379	2,379	2,211	2,293	2,236	2,306	2,307	2,304	2,274	2,280	2,333	2,228	2,279	2,249	2,122	2,194
8		2,382	2,380	2,381	2,210	2,291	2,226	2,313	2,311	2,309	2,279	2,277	2,335	2,228	2,282	2,216	2,125	2,194
9		2,380	2,379	2,304	2,209	2,205	2,223	2,310	2,309	2,259	2,274	2,231	2,324	2,219	2,274	2,210	1,959	2,187
10		2,376	2,375	2,125	2,298	2,153	2,216	2,309	2,308	2,250	2,271	2,161	2,219	2,089	2,279	2,215	2,179	2,194
11		2,378	2,375	2,164	2,296	2,151	2,226	2,313	2,315	2,055	2,281	2,220	1,845	1,996	2,275	2,152	2,010	2,188
12		2,380	2,372	2,162	2,295	2,151	2,230	2,309	2,309	2,187	2,270	2,317	2,276	1,868	2,265	2,154	1,901	2,185
13		2,378	2,371	2,212	2,295	2,156	2,242	2,308	2,305	2,269	2,264	2,322	2,232	2,052	2,275	2,121	2,164	2,185
14		2,378	2,370	2,198	2,295	2,148	2,025	2,311	2,309	2,267	2,271	2,324	2,331	2,319	2,309	2,111	2,188	2,188
15		2,376	2,371	2,191	2,290	2,074	2,401	2,308	2,307	2,268	2,268	2,321	2,317	2,323	2,320	2,105	2,226	2,184
16		2,378	2,373	2,195	2,296	2,211	2,405	2,305	2,305	2,265	2,275	2,325	2,320	2,288	2,327	2,113	2,240	2,192
17		2,377	2,370	2,208	2,298	2,220	2,407	2,310	2,311	2,275	2,279	2,298	2,322	2,278	2,325	2,115	2,243	2,192
18		2,373	2,375	2,210	2,295	2,226	2,394	2,307	2,308	2,273	2,273	2,278	2,315	2,270	2,315	2,115	2,223	2,185
19		2,377	2,380	2,208	2,293	2,232	2,357	2,308	2,304	2,270	2,278	2,284	2,281	2,275	2,319	2,119	2,195	2,193
20		2,378	2,378	2,207	2,292	2,233	2,363	2,311	2,306	2,275	2,276	2,285	2,274	2,233	2,315	2,121	2,194	2,197
21		2,377	2,377	2,210	2,293	2,232	2,360	2,309	2,305	2,273	2,271	2,278	2,265	2,221	2,308	2,113	2,189	2,192
22		2,377	2,376	2,208	2,292	2,234	2,359	2,308	2,306	2,270	2,279	2,284	2,270	2,230	2,276	2,120	2,193	2,197
23		2,377	2,380	2,210	2,291	2,233	2,363	2,311	2,310	2,273	2,279	2,283	2,270	2,229	2,266	2,120	2,194	2,197
24		2,378	2,382	2,212	2,291	2,231	2,359	2,309	2,309	2,274	2,271	2,278	2,262	2,224	2,260	2,114	2,189	2,192
TOTAL		57,067	57,028	54,262	54,304	53,426	54,788	55,608	55,396	54,462	54,578	54,696	54,582	53,030	54,785	52,165	51,457	52,596
Cumulative Output Sold, kWhr		57,067	114,095	168,357	222,661	276,087	330,875	386,483	441,879	496,341	550,919	605,615	660,197	713,227	768,012	820,177	871,634	924,230
Transformer and line efficiency		99.8%	99.8%	99.8%	99.8%	99.8%	99.9%	99.8%	99.7%	99.7%	99.8%	99.8%	99.8%	99.8%	99.8%	99.8%	99.9%	100.0%
Hourly average		2,378	2,376	2,261	2,263	2,226	2,283	2,317	2,308	2,269	2,274	2,279	2,274	2,210	2,283	2,174	2,144	2,192

FEBRUARY 2015														
CNBE Daily Reports Summary Data														
	Wednesday 2/18/2015	Thursday 2/19/2015	Friday 2/20/2015	Saturday 2/21/2015	Sunday 2/22/2015	Monday 2/23/2015	Tuesday 2/24/2015	Wednesday 2/25/2015	Thursday 2/26/2015	Friday 2/27/2015	Saturday 2/28/2015	TOTAL	Biogas	LFG
LFG and Biogas Flow to the Engine	1,354	1,349	1,379	1,382	1,393	1,403	1,369	1,367	1,377	1,367	1,358	38,593	302	38,291
LFG and Biogas Flow to the Engine (t)	713	715	701	703	651	688	705	709	703	693	685	19,676	229	19,447
LFG and Biogas Flow to the Flare (t)	-	-	-	-	-	-	-	-	-	-	-	-	1.2%	
LFG and Biogas Flow to the Flare (M)	-	-	-	-	-	-	-	-	-	-	-	-		
LFG and Biogas Total Flow (KSCF)	1,354	1,349	1,379	1,382	1,393	1,403	1,369	1,367	1,377	1,367	1,358	38,593		
LFG and Biogas Total Flow (MMBTU)	713	715	701	703	651	688	705	709	703	693	685	19,676		
Average Methane Content (%)	52.0	52.4	50.2	50.2	46.1	48.4	50.9	51.2	50.5	50.1	49.8	50.4		
Engine 1 Hours	-	-	-	-	-	12	24	24	15	-	-	154		
Engine 2 Hours	24	24	24	24	24	12	-	10	24	24	24	577		
Engine 3 Hours	24	24	24	24	23	25	24	14	11	24	24	647		
Engine 4 Hours	24	24	24	24	24	24	24	24	24	24	24	645		
Generator 1 Power Output (kWhr)	-	-	-	-	-	8,990	17,872	18,042	10,232	-	-	111,816		
Generator 2 Power Output (kWhr)	18,888	19,268	18,630	19,134	18,830	8,762	-	7,452	18,148	17,972	17,852	453,784		
Generator 3 Power Output (kWhr)	17,698	17,534	18,184	18,550	18,550	18,126	17,962	10,478	7,018	16,766	16,764	492,190		
Generator 4 Power Output (kWhr)	17,980	17,758	17,390	17,386	17,378	18,116	17,954	18,350	18,550	18,270	17,846	496,894		
Gross Power Output (kWhr)	54,508	54,507	54,151	55,029	54,732	53,967	53,795	54,363	53,981	52,965	52,437	1,553,853		
Net Power Output (kWhr)	52,504	52,552	52,240	53,200	52,816	52,088	52,024	52,528	52,168	51,144	50,632	1,499,872		
Power Sold as metered by NStar, (kWhr)	52,430	52,494	52,209	53,133	52,697	52,012	51,946	52,378	52,064	51,097	50,573	1,497,263		
Offgrid REC's (kWhr)	2,004	1,955	1,912	1,829	1,915	1,879	1,770	1,835	1,813	1,821	1,805	53,979		
Calculated Performance Results														
Daily														
Power output (kW average when on)														
Generator 1	-	-	-	-	-	749	745	752	682	-	-			
Generator 2	787	803	776	797	785	730	-	745	756	749	744			
Generator 3	737	731	758	807	742	755	748	748	638	699	699			
Generator 4	749	740	725	724	724	755	748	765	773	761	744			
Power output (kW average over 24 hours)														
Facility Gross	2,271	2,271	2,256	2,293	2,281	2,249	2,241	2,265	2,249	2,207	2,185			
Facility Net	2,188	2,190	2,177	2,217	2,201	2,170	2,168	2,189	2,174	2,131	2,110			
In-plant load	84	81	80	76	80	78	74	76	76	76	75			
Daily availability factor														
Facility	75%	75%	75%	74%	76%	75%	75%	75%	77%	75%	75%			
Engine 1	0%	0%	0%	0%	0%	50%	100%	100%	63%	0%	0%			
Engine 2	100%	100%	100%	100%	100%	50%	0%	42%	100%	100%	100%			
Engine 3	100%	100%	100%	96%	104%	100%	100%	58%	46%	100%	100%			
Engine 4	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%			
Daily capacity factor														
Facility	69%	69%	68%	69%	69%	68%	68%	69%	68%	67%	66%			
Engine 1	0%	0%	0%	0%	0%	91%	90%	91%	83%	0%	0%			
Engine 2	95%	97%	94%	97%	95%	89%	0%	90%	92%	91%	90%			
Engine 3	89%	89%	92%	98%	90%	92%	91%	91%	77%	85%	85%			
Engine 4	91%	90%	88%	88%	88%	91%	91%	93%	94%	92%	90%			
Cumulative by engine														
Engine operating run hours to date														
Max Cumulative Available, (hrs)	432	456	480	504	528	552	576	600	624	648	672			
Engine 1	79	79	79	79	79	91	115	139	154	154	154			
Engine 2	387	411	435	459	483	495	495	505	529	553	577			
Engine 3	430	454	478	501	526	550	574	588	599	623	647			
Engine 4	405	429	453	477	501	525	549	573	597	621	645			
Engine operating run hours total														
Engine 1	74,096	74,096	74,096	74,096	74,096	74,108	74,132	74,156	74,171	74,171	74,171			
Engine 2	69,886	69,910	69,934	69,958	69,982	69,994	69,994	70,004	70,028	70,052	70,076			
Engine 3	72,692	72,716	72,740	72,763	72,788	72,812	72,836	72,850	72,861	72,885	72,909			
Engine 4	70,440	70,464	70,488	70,512	70,536	70,560	70,584	70,608	70,632	70,656	70,680			
Cumulative availability, %														
Engine 1	18%	17%	16%	16%	15%	16%	20%	23%	25%	24%	23%			
Engine 2	90%	90%	91%	91%	91%	90%	86%	84%	85%	85%	86%			
Engine 3	100%	100%	100%	99%	100%	100%	100%	98%	96%	96%	96%			
Engine 4	94%	94%	94%	95%	95%	95%	95%	96%	96%	96%	96%			
Engine cumulative gross output														
Max cumulative capacity of engines (kWhr)	14,850	15,675	16,500	17,325	18,150	18,975	19,800	20,625	21,450	22,275	23,100			
Engine 1	3,448	3,448	3,448	3,448	3,448	4,197	4,942	5,694	6,376	6,376	6,376			
Engine 2	13,477	14,280	15,056	15,854	16,638	17,368	17,368	18,114	18,870	19,619	20,362			
Engine 3	13,903	14,634	15,392	16,198	16,940	17,695	18,444	19,192	19,930	20,529	21,227			
Engine 4	14,137	14,877	15,602	16,326	17,050	17,805	18,553	19,318	20,091	20,852	21,596			
Cumulative capacity factor, %														
Engine 1	23%	22%	21%	20%	19%	22%	25%	28%	30%	29%	28%			
Engine 2	91%	91%	91%	92%	92%	92%	88%	88%	88%	88%	88%			
Engine 3	94%	93%	93%	93%	93%	93%	93%	93%	92%	92%	92%			
Engine 4	95%	95%	95%	94%	94%	94%	94%	94%	94%	94%	93%			

	Wednesday 2/18/2015	Thursday 2/19/2015	Friday 2/20/2015	Saturday 2/21/2015	Sunday 2/22/2015	Monday 2/23/2015	Tuesday 2/24/2015	Wednesday 2/25/2015	Thursday 2/26/2015	Friday 2/27/2015	Saturday 2/28/2015	TOTAL	Biogas	LFG
Cumulative by Facility in month														
Max cumulative available engine run hours	1,728	1,824	1,920	2,016	2,112	2,208	2,304	2,400	2,496	2,592	2,688			
Actual cumulative engine run hours	1,301	1,373	1,445	1,516	1,589	1,661	1,733	1,805	1,879	1,951	2,023			
Cumulative Availability, %	75.3%	75.3%	75.3%	75.2%	75.2%	75.2%	75.2%	75.2%	75.3%	75.3%	75.3%			
Max cumulative gross output, kWh	1,425,600	1,504,800	1,584,000	1,663,200	1,742,400	1,821,600	1,900,800	1,980,000	2,059,200	2,138,400	2,217,600			
Actual cumulative gross output, kWh	1,013,926	1,068,433	1,122,584	1,177,613	1,232,345	1,286,312	1,340,107	1,394,470	1,448,451	1,501,416	1,553,853			
Cumulative Capacity Factor	71.1%	71.0%	70.9%	70.8%	70.7%	70.6%	70.5%	70.4%	70.3%	70.2%	70.1%			
Cumulative fuel input, MMBtu	12,725	13,440	14,141	14,843	15,494	16,181	16,886	17,595	18,298	18,991	19,676			
Cumulative gross output, kWh	1,013,926	1,068,433	1,122,584	1,177,613	1,232,345	1,286,312	1,340,107	1,394,470	1,448,451	1,501,416	1,553,853			
Heat Rate														
Daily heat rate, Btu/kWe gross	11,778	11,815	11,648	11,492	10,701	11,471	11,797	11,739	11,725	11,770	11,760			
Daily heat rate, Btu/kWe gross	13,084	13,125	12,940	12,766	11,887	12,743	13,105	13,040	13,025	13,075	13,063			
Cumulative heat rate, Btu/kWe	11,297	11,324	11,339	11,346	11,318	11,324	11,343	11,359	11,372	11,386	11,399			
Cumulative heat rate, Btu/kWe	12,550	12,579	12,596	12,604	12,573	12,580	12,601	12,618	12,633	12,649	12,663			
Cumulative by Facility starting 2/1/2015														
Max cumulative available engine run hours	4,608	4,704	4,800	4,896	4,992	5,088	5,184	5,280	5,376	5,472	5,568			
Actual cumulative engine run hours	3,477	3,549	3,621	3,692	3,765	3,837	3,909	3,981	4,055	4,127	4,199			
Cumulative Availability, %	75.5%	75.4%	75.4%	75.4%	75.4%	75.4%	75.4%	75.4%	75.4%	75.4%	75.4%			
Max cumulative gross output, kWh	3,801,600	3,880,800	3,960,000	4,039,200	4,118,400	4,197,600	4,276,800	4,356,000	4,435,200	4,514,400	4,593,600			
Actual cumulative gross output, kWh	2,780,756	2,835,263	2,889,414	2,944,443	2,999,175	3,053,142	3,106,937	3,161,300	3,215,281	3,268,246	3,320,683			
Cumulative Capacity Factor	73.1%	73.1%	73.0%	72.9%	72.8%	72.7%	72.6%	72.6%	72.5%	72.4%	72.3%			
Cumulative fuel input, MMBtu	34,894	35,609	36,310	37,013	37,663	38,351	39,056	39,765	40,468	41,160	41,845			
Cumulative gross output, kWh	2,780,756	2,835,263	2,889,414	2,944,443	2,999,175	3,053,142	3,106,937	3,161,300	3,215,281	3,268,246	3,320,683			
Cumulative heat rate, Btu/kWe	11,296	11,306	11,312	11,316	11,305	11,307	11,316	11,323	11,330	11,337	11,344			
Cumulative heat rate, Btu/kWe	12,548	12,559	12,567	12,570	12,558	12,561	12,571	12,579	12,586	12,594	12,601			
Service														
Engine 1														
Engine 2														
Engine 3														
Engine 4														
Oil - oil and filter change														
Service - plugs, air filter, valve inspection														
Precipitation														
NSTAR Power Reports	Wednesday 2/18/2015	Thursday 2/19/2015	Friday 2/20/2015	Saturday 2/21/2015	Sunday 2/22/2015	Monday 2/23/2015	Tuesday 2/24/2015	Wednesday 2/25/2015	Thursday 2/26/2015	Friday 2/27/2015	Saturday 2/28/2015	TOTAL		
Hour														
1	2,197	2,194	2,190	2,193	2,237	2,183	2,170	2,165	2,202	2,160	2,106			
2	2,199	2,192	2,188	2,191	2,231	2,181	2,165	2,158	2,198	2,154	2,109			
3	2,194	2,187	2,186	2,191	2,229	2,180	2,167	2,157	2,199	2,160	2,106			
4	2,199	2,202	2,190	2,197	2,233	2,184	2,170	2,160	2,201	2,161	2,107			
5	2,198	2,193	2,188	2,192	2,230	2,182	2,167	2,155	2,199	2,155	2,111			
6	2,192	2,189	2,186	2,192	2,216	2,180	2,166	2,156	2,198	2,159	2,106			
7	2,198	2,194	2,191	2,199	2,186	2,184	2,173	2,161	2,202	2,161	2,110			
8	2,165	2,196	2,186	2,194	2,184	2,135	2,171	2,158	2,200	2,150	2,112			
9	2,135	2,190	2,150	2,195	2,183	2,134	2,164	2,158	2,199	2,138	2,106			
10	2,141	2,196	2,137	2,196	2,187	2,131	2,162	2,159	2,196	2,110	2,107			
11	2,177	2,196	2,135	2,192	2,182	2,132	2,160	2,153	2,193	2,103	2,110			
12	2,194	2,192	2,133	2,189	2,184	1,722	2,161	2,084	2,192	2,113	2,107			
13	2,190	2,186	2,140	2,228	2,189	2,057	2,164	2,145	2,222	2,112	2,108			
14	2,191	2,191	2,139	2,238	2,186	2,302	2,156	2,159	2,069	2,106	2,110			
15	2,181	2,201	2,134	2,235	2,185	2,259	2,159	2,193	2,119	2,101	2,107			
16	2,186	1,905	2,170	2,238	2,189	2,262	2,163	2,257	1,968	2,106	2,106			
17	2,190	2,222	2,235	2,237	2,186	2,258	2,161	2,287	1,977	2,149	2,108			
18	2,183	2,233	2,199	2,233	2,185	2,234	2,163	2,252	2,253	2,147	2,104			
19	2,189	2,240	2,190	2,234	2,185	2,211	2,165	2,249	2,233	2,121	2,104			
20	2,192	2,232	2,187	2,234	2,183	2,210	2,162	2,214	2,199	2,106	2,107			
21	2,185	2,200	2,188	2,233	2,182	2,193	2,164	2,198	2,174	2,105	2,104			
22	2,193	2,190	2,190	2,236	2,184	2,168	2,167	2,202	2,160	2,107	2,106			
23	2,193	2,186	2,188	2,232	2,182	2,164	2,163	2,199	2,153	2,108	2,108			
24	2,168	2,187	2,189	2,234	2,179	2,166	2,163	2,199	2,158	2,105	2,104			
TOTAL	52,430	52,494	52,209	53,133	52,697	52,012	51,946	52,378	52,064	51,097	50,573			
Cumulative Output Sold, kWh	976,660	1,029,154	1,081,363	1,134,496	1,187,193	1,239,205	1,291,151	1,343,529	1,395,593	1,446,690	1,497,263			
Transformer and line efficiency	99.9%	99.9%	99.9%	99.9%	99.8%	99.9%	99.9%	99.7%	99.8%	99.9%	99.9%			
Hourly average	2,185	2,187	2,175	2,214	2,196	2,167	2,164	2,182	2,169	2,129	2,107			

MARCH 2015																			
CNBE Daily Reports Summary Data									DLST										
		Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	
		3/1/2015	3/2/2015	3/3/2015	3/4/2015	3/5/2015	3/6/2015	3/7/2015	3/8/2015	3/9/2015	3/10/2015	3/11/2015	3/12/2015	3/13/2015	3/14/2015	3/15/2015	3/16/2015	3/17/2015	
LFG and Biogas Flow to the Engines (KSCF)		1,336	1,259	1,324	1,399	1,400	1,248	1,322	1,351	1,344	1,337	1,346	1,341	1,327	1,337	1,337	1,352	1,353	
LFG and Biogas Flow to the Engines (MMBTU HHV)		690	659	696	749	730	642	698	709	705	698	718	710	698	723	723	721	719	
LFG and Biogas Flow to the Flare (KSCF)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
LFG and Biogas Flow to the Flare (MMBTU HHV)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
LFG and Biogas Total Flow (KSCF)		1,336	1,259	1,324	1,399	1,400	1,248	1,322	1,351	1,344	1,337	1,346	1,341	1,327	1,337	1,337	1,352	1,353	
LFG and Biogas Total Flow (MMBTU HHV)		690	659	696	749	730	642	698	709	705	698	718	710	698	723	723	721	719	
Average Methane Content (%)		51.1	51.7	51.9	52.9	51.5	50.8	52.2	51.9	51.8	51.6	52.7	52.3	52.0	53.5	53.5	52.7	52.5	
Engine 1 Hours		-	-	-	-	-	-	-	-	-	-	15	24	10	-	-	-	14	
Engine 2 Hours		24	24	24	24	24	24	24	23	24	24	24	24	24	24	24	24	24	
Engine 3 Hours		24	24	24	24	24	24	24	23	24	24	24	24	24	24	24	24	9	
Engine 4 Hours		24	24	24	24	24	24	24	23	24	24	10	-	14	24	24	24	23	
Generator 1 Power Output (kWhr)		-	-	-	-	-	-	-	-	-	-	10,500	18,506	7,390	-	-	-	11,194	
Generator 2 Power Output (kWhr)		18,266	18,242	18,910	19,976	19,968	19,562	19,262	18,544	18,928	19,262	18,886	17,656	18,114	17,984	17,978	18,514	19,256	
Generator 3 Power Output (kWhr)		16,766	16,762	18,326	19,878	19,952	19,238	19,376	19,566	18,534	18,550	18,108	17,434	17,786	18,496	18,264	17,756	7,500	
Generator 4 Power Output (kWhr)		17,844	17,840	18,858	19,950	19,158	18,526	18,524	18,522	18,522	18,526	7,380	-	10,890	19,138	18,936	18,556	18,172	
Gross Power Output (kWhr)		52,855	52,813	56,036	59,726	59,015	57,272	57,111	56,595	55,939	56,277	54,864	53,636	54,168	55,569	55,050	54,781	56,129	
Net Power Output (kWhr)		51,016	50,856	54,016	57,672	56,856	55,200	55,056	54,608	54,000	54,432	53,096	51,848	52,352	53,688	53,264	52,920	54,376	
Power Sold as metered by NStar, (kWhr)		50,948	50,763	53,893	57,507	56,722	55,084	54,910	52,225	53,841	54,260	52,946	51,718	52,245	53,571	53,157	52,795	54,243	
Offgrid RECs (kWhr)		1,839	1,958	2,020	2,054	2,159	2,072	2,055	1,988	1,940	1,845	1,768	1,788	1,816	1,880	1,786	1,861	1,753	
Calculated Performance Results																			
Daily																			
Power output (kW average when running)																			
Generator 1		-	-	-	-	-	-	-	-	-	-	700	771	739	-	-	-	800	
Generator 2		761	760	788	832	832	815	803	806	789	803	787	736	755	749	749	771	802	
Generator 3		699	698	764	828	831	802	807	851	772	773	755	726	741	771	761	740	833	
Generator 4		744	743	786	831	798	772	772	805	772	772	738	-	778	797	789	773	790	
Power output (kW average over 24-hrs)																			
Facility Gross		2,202	2,201	2,335	2,489	2,459	2,386	2,380	2,461	2,331	2,345	2,286	2,235	2,257	2,315	2,294	2,283	2,339	
Facility Net		2,126	2,119	2,251	2,403	2,369	2,300	2,294	2,374	2,250	2,268	2,212	2,160	2,181	2,237	2,219	2,205	2,266	
In-plant load		77	82	84	86	90	86	86	86	81	77	74	75	76	78	74	78	73	
Daily availability factor																			
Facility		75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	76%	75%	75%	75%	75%	75%	73%	
Engine 1		0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	63%	100%	42%	0%	0%	0%	58%	
Engine 2		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	
Engine 3		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	38%	
Engine 4		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	42%	0%	58%	100%	100%	100%	96%	
Daily capacity factor																			
Facility		67%	67%	71%	75%	75%	72%	72%	75%	71%	71%	69%	68%	68%	70%	70%	69%	71%	
Engine 1		0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	85%	93%	90%	0%	0%	0%	97%	
Engine 2		92%	92%	96%	101%	101%	99%	97%	98%	96%	97%	95%	89%	91%	91%	91%	94%	97%	
Engine 3		85%	85%	93%	100%	101%	97%	98%	103%	94%	94%	91%	88%	90%	93%	92%	90%	101%	
Engine 4		90%	90%	95%	101%	97%	94%	94%	98%	94%	94%	89%	0%	94%	97%	96%	94%	96%	
Cumulative by engine																			
Engine operating run hours in the month																			
Max Cumulative Available, hours		24	48	72	96	120	144	168	192	216	240	264	288	312	336	360	384	408	
Engine 1		0	0	0	0	0	0	0	0	0	0	15	39	49	49	49	49	63	
Engine 2		24	48	72	96	120	144	168	191	215	239	263	287	311	335	359	383	407	
Engine 3		24	48	72	96	120	144	168	191	215	239	263	287	311	335	359	383	392	
Engine 4		24	48	72	96	120	144	168	191	215	239	249	249	263	287	311	335	358	
Engine operating run hours total from 0 hours																			
Engine 1		74,171	74,171	74,171	74,171	74,171	74,171	74,171	74,171	74,171	74,171	74,186	74,210	74,220	74,220	74,220	74,220	74,234	
Engine 2		70,076	70,100	70,124	70,148	70,172	70,196	70,220	70,244	70,267	70,291	70,315	70,339	70,363	70,387	70,411	70,435	70,459	
Engine 3		72,909	72,933	72,957	72,981	73,005	73,029	73,053	73,077	73,100	73,124	73,148	73,172	73,196	73,220	73,244	73,268	73,301	
Engine 4		70,680	70,704	70,728	70,752	70,776	70,800	70,824	70,848	70,871	70,895	70,919	70,929	70,929	70,943	70,967	70,991	71,038	
Cumulative availability, %																			
Engine 1		0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	6%	14%	16%	15%	14%	13%	15%	
Engine 2		100%	100%	100%	100%	100%	100%	100%	99%	100%	100%	100%	100%	100%	100%	100%	100%	100%	
Engine 3		100%	100%	100%	100%	100%	100%	100%	99%	100%	100%	100%	100%	100%	100%	100%	100%	96%	
Engine 4		100%	100%	100%	100%	100%	100%	100%	99%	100%	100%	94%	86%	84%	85%	86%	87%	88%	
Engine cumulative gross output, kWhr																			
Max cumulative capacity one engine		825	1,650	2,475	3,300	4,125	4,950	5,775	6,600	7,425	8,250	9,075	9,900	10,725	11,550	12,375	13,200	14,025	
Engine 1		-	-	-	-	-	-	-	-	-	-	700	1,471	2,210	2,210	2,210	2,210	3,010	
Engine 2		761	1,521	2,309	3,141	3,973	4,789	5,591	6,397	7,186	7,989	8,776	9,511	10,266	11,015	11,764	12,536	13,338	
Engine 3		699	1,397	2,161	2,989	3,820	4,622	5,429	6,280	7,052	7,825	8,579	9,306	10,047	10,818	11,579	12,318	13,152	
Engine 4		744	1,487	2,273	3,104	3,902	4,674	5,446	6,251	7,023	7,795	8,533	9,249	10,018	10,787	11,556	12,325	13,094	
Cumulative capacity factor, %																			
Engine 1		0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	8%	15%	21%	19%	18%	17%	21%	
Engine 2		92%	92%	93%	95%	96%	97%	97%	97%	97%	97%	97%	96%	96%	95%	95%	95%	95%	
Engine 3		85%	85%	87%	91%	93%	93%	94%	95%	95%	95%	95%	94%	94%	94%	94%	93%	94%	
Engine 4		90%	90%	92%	94%	95%	94%	94%	95%	95%	94%	94%	86%	87%	88%	88%	88%	89%	

		Sunday 3/1/2015	Monday 3/2/2015	Tuesday 3/3/2015	Wednesday 3/4/2015	Thursday 3/5/2015	Friday 3/6/2015	Saturday 3/7/2015	Sunday 3/8/2015	Monday 3/9/2015	Tuesday 3/10/2015	Wednesday 3/11/2015	Thursday 3/12/2015	Friday 3/13/2015	Saturday 3/14/2015	Sunday 3/15/2015	Monday 3/16/2015	Tuesday 3/17/2015
Cumulative by Facility in month																		
Max cumulative available engine run hours		96	192	288	384	480	576	672	764	860	956	1,052	1,148	1,244	1,340	1,436	1,532	1,628
Actual cumulative engine run hours		72	144	216	288	360	432	504	573	645	717	790	862	934	1,006	1,078	1,150	1,220
Cumulative Availability, %		75.0%	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%	75.1%	75.1%	75.1%	75.1%	75.1%	75.1%	74.9%
Max cumulative gross output, kWhr		79,200	158,400	237,600	316,800	396,000	475,200	554,400	630,300	709,500	788,700	867,900	947,100	1,026,300	1,105,500	1,184,700	1,263,900	1,343,100
Actual cumulative gross output, kWhr		52,855	105,668	161,704	221,430	280,445	337,717	394,828	451,423	507,362	563,639	618,503	672,139	726,307	781,876	836,926	891,707	947,836
Cumulative Capacity Factor		66.7%	66.7%	68.1%	69.9%	70.8%	71.1%	71.2%	71.6%	71.5%	71.5%	71.3%	71.0%	70.8%	70.7%	70.6%	70.6%	70.6%
Cumulative fuel input, MMBtu HHV		690	1,349	2,045	2,793	3,524	4,166	4,863	5,572	6,277	6,975	7,693	8,403	9,101	9,824	10,548	11,268	11,988
Cumulative gross output, kWhr		52,855	105,668	161,704	221,430	280,445	337,717	394,828	451,423	507,362	563,639	618,503	672,139	726,307	781,876	836,926	891,707	947,836
Heat Rate																		
Daily heat rate, Btu/kWe gross LHV		11,752	11,231	11,175	11,286	11,141	10,088	11,000	11,277	11,340	11,160	11,786	11,913	11,603	11,716	11,828	11,841	11,536
Daily heat rate, Btu/kWe gross HHV		13,055	12,476	12,413	12,537	12,377	11,206	12,220	12,528	12,598	12,398	13,092	13,234	12,890	13,014	13,139	13,154	12,815
Cumulative heat rate, Btu/kWe gross LHV		11,752	11,491	11,382	11,356	11,311	11,103	11,088	11,112	11,137	11,140	11,197	11,254	11,280	11,311	11,345	11,375	11,385
Cumulative heat rate, Btu/kWe gross HHV		13,055	12,765	12,643	12,615	12,565	12,334	12,318	12,344	12,372	12,375	12,438	12,502	12,531	12,565	12,603	12,637	12,647
Cumulative by Facility starting Calendar Year																		
Max cumulative available engine run hours		5,664	5,760	5,856	5,952	6,048	6,144	6,240	6,332	6,428	6,524	6,620	6,716	6,812	6,908	7,004	7,100	7,196
Actual cumulative engine run hours		4,271	4,343	4,415	4,487	4,559	4,631	4,703	4,772	4,844	4,916	4,989	5,061	5,133	5,205	5,277	5,349	5,419
Cumulative Availability, %		75.4%	75.4%	75.4%	75.4%	75.4%	75.4%	75.4%	75.4%	75.4%	75.4%	75.4%	75.4%	75.4%	75.3%	75.3%	75.3%	75.3%
Max cumulative gross output, kWhr		4,672,800	4,752,000	4,831,200	4,910,400	4,989,600	5,068,800	5,148,000	5,223,900	5,303,100	5,382,300	5,461,500	5,540,700	5,619,900	5,699,100	5,778,300	5,857,500	5,936,700
Actual cumulative gross output, kWhr		3,373,538	3,426,351	3,482,387	3,542,113	3,601,128	3,658,400	3,715,511	3,772,106	3,828,045	3,884,322	3,939,186	3,992,822	4,046,990	4,102,559	4,157,609	4,212,390	4,268,519
Cumulative Capacity Factor		72.2%	72.1%	72.1%	72.1%	72.2%	72.2%	72.2%	72.2%	72.2%	72.2%	72.1%	72.1%	72.0%	72.0%	72.0%	71.9%	71.9%
Cumulative fuel input, MMBtu HHV		42,535	43,194	43,890	44,639	45,369	46,011	46,709	47,418	48,122	48,820	49,538	50,248	50,946	51,670	52,393	53,114	53,833
Cumulative gross output, kWhr		3,373,538	3,426,351	3,482,387	3,542,113	3,601,128	3,658,400	3,715,511	3,772,106	3,828,045	3,884,322	3,939,186	3,992,822	4,046,990	4,102,559	4,157,609	4,212,390	4,268,519
Cumulative heat rate, Btu/kWe gross LHV		11,350	11,348	11,346	11,345	11,341	11,322	11,317	11,316	11,316	11,314	11,321	11,329	11,332	11,338	11,344	11,350	11,353
Cumulative heat rate, Btu/kWe gross HHV		12,609	12,606	12,603	12,602	12,599	12,577	12,571	12,571	12,571	12,568	12,576	12,585	12,589	12,594	12,602	12,609	12,612
Service																		
Engine 1																		
Engine 2																		
Engine 3																		
Engine 4																		
Oil - oil and filter change																		
Service - plugs, air filter, valve inspection and adjustment																		
Precipitation																		
NSTAR Power Reports		Sunday 3/1/2015	Monday 3/2/2015	Tuesday 3/3/2015	Wednesday 3/4/2015	Thursday 3/5/2015	Friday 3/6/2015	Saturday 3/7/2015	Sunday 3/8/2015	Monday 3/9/2015	Tuesday 3/10/2015	Wednesday 3/11/2015	Thursday 3/12/2015	Friday 3/13/2015	Saturday 3/14/2015	Sunday 3/15/2015	Monday 3/16/2015	Tuesday 3/17/2015
Date																		
Hour																		
1		2,106	2,145	2,099	2,399	2,399	2,342	2,286	2,281	2,226	2,225	2,296	2,185	2,166	2,208	2,256	2,160	2,262
2		2,110	2,148	2,105	2,401	2,403	2,348	2,246	2,283	2,228	2,225	2,296	2,183	2,153	2,207	2,256	2,167	2,262
3		2,107	2,145	2,103	2,398	2,399	2,344	2,227	2,283	2,231	2,229	2,300	2,189	2,123	2,210	2,258	2,211	2,267
4		2,108	2,147	2,106	2,400	2,399	2,344	2,227	2,284	2,228	2,224	2,296	2,187	2,120	2,206	2,256	2,207	2,264
5		2,110	2,148	2,109	2,402	2,400	2,349	2,231	2,285	2,228	2,225	2,255	2,186	2,119	2,207	2,257	2,206	2,264
6		2,108	2,106	2,104	2,398	2,399	2,321	2,227	2,284	2,231	2,233	2,241	2,189	2,124	2,212	2,258	2,209	2,269
7		2,110	2,100	2,107	2,400	2,396	2,290	2,227	2,284	2,226	2,228	2,239	2,187	2,121	2,209	2,223	2,168	2,266
8		2,115	2,104	2,101	2,400	2,398	2,289	2,231	2,288	2,227	2,227	2,239	2,186	2,119	2,209	2,208	2,155	2,267
9		2,109	2,095	2,091	2,395	2,394	2,284	2,223	2,284	2,226	2,228	2,243	2,108	2,124	2,214	2,213	2,158	2,265
10		2,108	2,096	2,091	2,395	2,390	2,327	2,225	2,285	2,224	2,223	2,050	2,060	1,962	2,211	2,211	2,146	2,030
11		2,110	2,098	2,097	2,396	2,356	2,340	2,339	2,290	2,227	2,275	1,990	2,059	2,068	2,210	2,213	2,178	2,351
12		2,106	2,096	2,182	2,393	2,330	2,293	2,339	2,286	2,232	2,226	2,221	2,109	2,200	2,210	2,215	2,205	1,319
13		2,106	2,099	2,268	2,334	2,333	2,216	2,337	2,287	2,226	2,237	2,247	2,112	2,214	2,205	2,213	2,174	2,185
14		2,109	2,100	2,339	2,375	2,333	2,221	2,342	2,289	2,251	2,290	2,179	2,127	2,214	2,251	2,210	2,172	2,369
15		2,105	2,109	2,397	2,399	2,333	2,222	2,337	2,285	2,290	2,291	2,181	2,162	2,244	2,264	2,216	2,203	2,401
16		2,128	2,145	2,399	2,402	2,335	2,276	2,337	2,288	2,288	2,291	2,179	2,160	2,284	2,260	2,212	1,936	2,393
17		2,156	2,151	2,405	2,406	2,344	2,281	2,338	2,288	2,292	2,296	2,181	2,165	2,254	2,261	2,209	2,101	2,065
18		2,151	2,135	2,399	2,403	2,339	2,283	2,337	2,243	2,295	2,302	2,189	2,169	2,254	2,263	2,212	2,407	2,345
19		2,151	2,101	2,399	2,401	2,338	2,285	2,340	2,225	2,288	2,297	2,187	2,166	2,251	2,259	2,212	2,331	2,396
20		2,152	2,102	2,400	2,404	2,341	2,287	2,344	2,228	2,269	2,298	2,187	2,164	2,248	2,259	2,206	2,274	2,399
21		2,147	2,098	2,397	2,402	2,338	2,285	2,322	2,224	2,230	2,300	2,189	2,166	2,252	2,262	2,162	2,262	2,403
22		2,145	2,098	2,395	2,402	2,339	2,285	2,281	2,223	2,226	2,295	2,186	2,165	2,225	2,257	2,160	2,256	2,402
23		2,148	2,100	2,402	2,403	2,344	2,288	2,286	2,228	2,224	2,296	2,186	2,165	2,206	2,257	2,159	2,249	2,402
24		2,143	2,097	2,398	2,399	2,342	2,284	2,281	-	2,228	2,299	2,189	2,169	2,210	2,260	2,162	2,260	2,397
TOTAL		50,948	50,763	53,893	57,507	56,722	55,084	54,910	52,225	53,841	54,260	52,946	51,718	52,245	53,571	53,157	52,795	54,243
Cumulative Output Sold, kWhr		50,948	101,711	155,604	213,111	269,833	324,917	379,827	432,052	485,893	540,153	593,099	644,817	697,062	750,633	803,790	856,585	910,828
Transformer and line efficiency		99.9%	99.8%	99.8%	99.7%	99.8%	99.8%	99.7%	95.6%	99.7%	99.7%	99.7%	99.7%	99.8%	99.8%	99.8%	99.8%	99.8%
Hourly average		2,123	2,115	2,246	2,396	2,363	2,295	2,288	2,176	2,243	2,261	2,206	2,155	2,177	2,232	2,215	2,200	2,260

MARCH 2015																	
CNBE Daily Reports Summary Data																	
	Wednesday 3/18/2015	Thursday 3/19/2015	Friday 3/20/2015	Saturday 3/21/2015	Sunday 3/22/2015	Monday 3/23/2015	Tuesday 3/24/2015	Wednesday 3/25/2015	Thursday 3/26/2015	Friday 3/27/2015	Saturday 3/28/2015	Sunday 3/29/2015	Monday 3/30/2015	Tuesday 3/31/2015	TOTAL	Biogas	LFG
LFG and Biogas Flow to the Engine	1,404	1,392	1,377	1,379	1,366	1,370	1,374	1,382	1,402	1,455	1,524	1,538	1,546	1,534	42,756	1,353	41,403
LFG and Biogas Flow to the Engine (t)	733	720	717	725	715	718	713	725	758	786	804	782	790	778	22,450	958	21,491
LFG and Biogas Flow to the Flare (t)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4%	
LFG and Biogas Flow to the Flare (M)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
LFG and Biogas Total Flow (KSCF)	1,404	1,392	1,377	1,379	1,366	1,370	1,374	1,382	1,402	1,455	1,524	1,538	1,546	1,534	42,756		
LFG and Biogas Total Flow (MMBTU)	733	720	717	725	715	718	713	725	758	786	804	782	790	778	22,450		
Average Methane Content (%)	51.6	51.1	51.4	51.9	51.8	51.8	51.2	51.8	53.4	53.4	52.1	50.2	50.5	50.1	51.9		
Engine 1 Hours	17	-	2	-	-	-	-	12	24	24	24	24	24	24	238		
Engine 2 Hours	16	24	24	24	24	24	24	14	11	24	24	24	24	24	712		
Engine 3 Hours	17	24	24	24	24	24	24	24	22	24	24	24	24	24	719		
Engine 4 Hours	24	24	24	24	24	24	24	24	18	11	24	24	24	24	675		
Generator 1 Power Output (kW/hr)	12,998	-	498	-	-	-	-	8,424	19,542	18,352	15,796	15,318	15,206	15,292	169,016		
Generator 2 Power Output (kW/hr)	12,138	18,616	18,764	19,982	18,234	18,376	18,750	9,936	8,320	18,432	15,718	15,384	15,406	15,470	542,834		
Generator 3 Power Output (kW/hr)	12,046	17,988	17,646	19,730	19,726	19,504	18,892	19,418	17,094	18,418	15,824	15,344	15,490	15,580	544,992		
Generator 4 Power Output (kW/hr)	19,472	18,902	18,896	17,950	18,178	18,250	18,244	18,630	13,822	7,488	16,520	15,376	15,646	15,924	512,640		
Gross Power Output (kW/hr)	56,623	55,429	55,762	57,597	56,080	56,079	55,838	56,359	58,769	62,686	63,862	61,434	61,738	62,257	1,768,349		
Net Power Output (kW/hr)	54,824	53,544	53,720	55,624	54,176	54,112	53,904	54,440	57,000	60,928	62,016	59,632	59,880	60,336	1,709,392		
Power Sold as metered by NStar, (kWh)	54,689	53,421	53,589	55,480	54,044	53,983	53,767	54,282	56,831	60,771	61,871	59,493	59,752	60,181	1,702,982		
Offgrid REC's (kW/hr)	1,799	1,886	2,042	1,973	1,904	1,967	1,934	1,919	1,769	1,758	1,846	1,802	1,858	1,921	58,960		
Calculated Performance Results																	
Daily																	
Power output (kW average when operating)																	
Generator 1	765	-	249	-	-	-	-	702	814	765	658	638	634	637			
Generator 2	759	776	782	833	760	766	781	710	756	768	655	641	642	645			
Generator 3	709	750	735	822	822	813	787	809	777	767	659	639	645	649			
Generator 4	811	788	787	748	757	760	760	776	768	681	688	641	652	664			
Power output (kW average over 24 hours)																	
Facility Gross	2,359	2,310	2,323	2,400	2,337	2,337	2,327	2,348	2,449	2,612	2,661	2,560	2,572	2,594			
Facility Net	2,284	2,231	2,238	2,318	2,257	2,255	2,246	2,268	2,375	2,539	2,584	2,485	2,495	2,514			
In-plant load	75	79	85	82	79	82	81	80	74	73	77	75	77	80			
Daily availability factor																	
Facility	77%	75%	77%	75%	75%	75%	75%	77%	78%	86%	100%	100%	100%	100%			
Engine 1	71%	0%	8%	0%	0%	0%	0%	50%	100%	100%	100%	100%	100%	100%			
Engine 2	67%	100%	100%	100%	100%	100%	100%	58%	46%	100%	100%	100%	100%	100%			
Engine 3	71%	100%	100%	100%	100%	100%	100%	100%	92%	100%	100%	100%	100%	100%			
Engine 4	100%	100%	100%	100%	100%	100%	100%	100%	75%	46%	100%	100%	100%	100%			
Daily capacity factor																	
Facility	71%	70%	70%	73%	71%	71%	71%	71%	74%	79%	81%	78%	78%	79%			
Engine 1	93%	0%	30%	0%	0%	0%	0%	85%	99%	93%	80%	77%	77%	77%			
Engine 2	92%	94%	95%	101%	92%	93%	95%	86%	92%	93%	79%	78%	78%	78%			
Engine 3	86%	91%	89%	100%	100%	99%	95%	98%	94%	93%	80%	77%	78%	79%			
Engine 4	98%	95%	95%	91%	92%	92%	92%	94%	93%	83%	83%	78%	79%	80%			
Cumulative by engine																	
Engine operating run hours in the month																	
Max Cumulative Available, (hrs)	432	456	480	504	528	552	576	600	624	648	672	696	720	720			
Engine 1	80	80	82	82	82	82	82	94	118	142	166	190	214	214			
Engine 2	423	447	471	495	519	543	567	581	592	616	640	664	688	688			
Engine 3	409	433	457	481	505	529	553	577	599	623	647	671	695	695			
Engine 4	382	406	430	454	478	502	526	550	568	579	603	627	651	651			
Engine operating run hours total																	
Engine 1	74,251	74,251	74,253	74,253	74,253	74,253	74,253	74,265	74,289	74,313	74,337	74,361	74,385	74,385			
Engine 2	70,499	70,523	70,547	70,571	70,595	70,619	70,643	70,657	70,668	70,692	70,716	70,740	70,764	70,764			
Engine 3	73,318	73,342	73,366	73,390	73,414	73,438	73,462	73,486	73,508	73,532	73,556	73,580	73,604	73,604			
Engine 4	71,062	71,086	71,110	71,134	71,158	71,182	71,206	71,230	71,248	71,259	71,283	71,307	71,331	71,331			
Cumulative availability, %																	
Engine 1	19%	18%	17%	16%	16%	15%	14%	16%	19%	22%	25%	27%	30%	30%			
Engine 2	98%	98%	98%	98%	98%	98%	98%	97%	95%	95%	95%	95%	96%	96%			
Engine 3	95%	95%	95%	95%	96%	96%	96%	96%	96%	96%	96%	96%	97%	97%			
Engine 4	88%	89%	90%	90%	91%	91%	91%	92%	91%	89%	90%	90%	90%	90%			
Engine cumulative gross output																	
Max cumulative capacity of engines	14,850	15,675	16,500	17,325	18,150	18,975	19,800	20,625	21,450	22,275	23,100	23,925	24,750	24,750			
Engine 1	3,774	3,774	4,023	4,023	4,023	4,023	4,023	4,725	5,539	6,304	6,962	7,601	8,234	8,238			
Engine 2	14,097	14,872	15,654	16,487	17,247	18,012	18,793	19,503	20,260	21,028	21,682	22,323	22,965	22,968			
Engine 3	13,860	14,610	15,345	16,167	16,989	17,802	18,589	19,398	20,175	20,942	21,602	22,241	22,887	22,890			
Engine 4	13,272	14,059	14,847	15,594	16,352	17,112	17,872	18,649	19,417	20,097	20,786	21,426	22,078	22,090			
Cumulative capacity factor, %																	
Engine 1	25%	24%	24%	23%	22%	21%	20%	23%	26%	28%	30%	32%	33%	33%			
Engine 2	95%	95%	95%	95%	95%	95%	95%	95%	94%	94%	94%	93%	93%	93%			
Engine 3	93%	93%	93%	93%	94%	94%	94%	94%	94%	94%	94%	93%	92%	92%			
Engine 4	89%	90%	90%	90%	90%	90%	90%	90%	91%	90%	90%	90%	89%	89%			

	Wednesday 3/18/2015	Thursday 3/19/2015	Friday 3/20/2015	Saturday 3/21/2015	Sunday 3/22/2015	Monday 3/23/2015	Tuesday 3/24/2015	Wednesday 3/25/2015	Thursday 3/26/2015	Friday 3/27/2015	Saturday 3/28/2015	Sunday 3/29/2015	Monday 3/30/2015	Tuesday 3/31/2015	TOTAL	Biogas	LFG
Cumulative by Facility in month																	
Max cumulative available engine run hours	1,724	1,820	1,916	2,012	2,108	2,204	2,300	2,396	2,492	2,588	2,684	2,780	2,876	2,876			
Actual cumulative engine run hours	1,294	1,366	1,440	1,512	1,584	1,656	1,728	1,802	1,877	1,960	2,056	2,152	2,248	2,248			
Cumulative Availability, %	75.1%	75.1%	75.2%	75.1%	75.1%	75.1%	75.1%	75.2%	75.3%	75.7%	76.6%	77.4%	78.2%	78.2%			
Max cumulative gross output, kWh	1,422,300	1,501,500	1,580,700	1,659,900	1,739,100	1,818,300	1,897,500	1,976,700	2,055,900	2,135,100	2,214,300	2,293,500	2,372,700	2,372,700			
Actual cumulative gross output, kWh	1,004,459	1,059,888	1,115,650	1,173,247	1,229,327	1,285,406	1,341,244	1,397,603	1,456,372	1,519,058	1,582,920	1,644,354	1,706,092	1,706,611			
Cumulative Capacity Factor	70.6%	70.6%	70.6%	70.7%	70.7%	70.7%	70.7%	70.7%	70.8%	71.1%	71.5%	71.7%	71.9%	71.9%			
Cumulative fuel input, MMBtu H	12,720	13,441	14,157	14,882	15,597	16,315	17,028	17,753	18,510	19,296	20,100	20,882	21,671	21,660			
Cumulative gross output, kWh	1,004,459	1,059,888	1,115,650	1,173,247	1,229,327	1,285,406	1,341,244	1,397,603	1,456,372	1,519,058	1,582,920	1,644,354	1,706,092	1,706,611			
Heat Rate																	
Daily heat rate, Btu/kWe gross	11,649	11,698	11,573	11,323	11,480	11,526	11,487	11,579	11,608	11,287	11,326	11,459	11,513	11,251			
Daily heat rate, Btu/kWe gross	12,940	12,995	12,856	12,579	12,753	12,803	12,760	12,862	12,895	12,539	12,582	12,729	12,790	12,498			
Cumulative heat rate, Btu/kWe	11,400	11,415	11,423	11,418	11,421	11,426	11,428	11,434	11,441	11,435	11,431	11,432	11,435	11,425			
Cumulative heat rate, Btu/kWe	12,664	12,681	12,690	12,684	12,688	12,693	12,695	12,702	12,710	12,703	12,698	12,699	12,702	12,692			
Cumulative by Facility starting 3/1/2015																	
Max cumulative available engine run hours	7,292	7,388	7,484	7,580	7,676	7,772	7,868	7,964	8,060	8,156	8,252	8,348	8,444	8,444			
Actual cumulative engine run hours	5,493	5,565	5,639	5,711	5,783	5,855	5,927	6,001	6,076	6,159	6,255	6,351	6,447	6,447			
Cumulative Availability, %	75.3%	75.3%	75.3%	75.3%	75.3%	75.3%	75.3%	75.4%	75.4%	75.5%	75.8%	76.1%	76.4%	76.4%			
Max cumulative gross output, kWh	6,015,900	6,095,100	6,174,300	6,253,500	6,332,700	6,411,900	6,491,100	6,570,300	6,649,500	6,728,700	6,807,900	6,887,100	6,966,300	6,966,300			
Actual cumulative gross output, kWh	4,325,142	4,380,571	4,436,333	4,493,930	4,550,010	4,606,089	4,661,927	4,718,286	4,777,055	4,839,741	4,903,603	4,965,037	5,026,775	5,027,294			
Cumulative Capacity Factor	71.9%	71.9%	71.9%	71.9%	71.8%	71.8%	71.8%	71.8%	71.8%	71.9%	72.0%	72.1%	72.2%	72.2%			
Cumulative fuel input, MMBtu H	54,566	55,286	56,003	56,727	57,442	58,160	58,873	59,598	60,356	61,142	61,945	62,727	63,517	63,505			
Cumulative gross output, kWh	4,325,142	4,380,571	4,436,333	4,493,930	4,550,010	4,606,089	4,661,927	4,718,286	4,777,055	4,839,741	4,903,603	4,965,037	5,026,775	5,027,294			
Cumulative heat rate, Btu/kWe	11,357	11,361	11,364	11,363	11,365	11,367	11,368	11,371	11,374	11,372	11,372	11,373	11,375	11,371			
Cumulative heat rate, Btu/kWe	12,616	12,621	12,624	12,623	12,625	12,627	12,628	12,631	12,634	12,633	12,633	12,634	12,636	12,632			
Service																	
Engine 1																	
Engine 2								District connects		District tuned			District connects	District connects			
Engine 3								2 new wells		partial wellfield			1 well	2 new wells			
Engine 4																	
Oil - oil and filter change																	
Service - plugs, air filter, valve inspect																	
Precipitation																	
NSTAR Power Reports	Wednesday 3/18/2015	Thursday 3/19/2015	Friday 3/20/2015	Saturday 3/21/2015	Sunday 3/22/2015	Monday 3/23/2015	Tuesday 3/24/2015	Wednesday 3/25/2015	Thursday 3/26/2015	Friday 3/27/2015	Saturday 3/28/2015	Sunday 3/29/2015	Monday 3/30/2015	Tuesday 3/31/2015	TOTAL		
Hour																	
1	2,357	2,226	2,200	2,311	2,313	2,228	2,226	2,228	2,375	2,390	2,666	2,548	2,479	2,561			
2	2,356	2,230	2,196	2,309	2,310	2,226	2,227	2,227	2,374	2,387	2,620	2,469	2,476	2,559			
3	2,360	2,235	2,156	2,313	2,311	2,233	2,236	2,230	2,377	2,391	2,623	2,474	2,482	2,563			
4	2,356	2,223	2,152	2,308	2,237	2,229	2,190	2,228	2,375	2,388	2,617	2,472	2,480	2,557			
5	2,356	2,227	2,155	2,310	2,302	2,230	2,158	2,226	2,374	2,386	2,619	2,473	2,478	2,508			
6	2,360	2,235	2,158	2,314	2,235	2,232	2,160	2,229	2,377	2,389	2,624	2,476	2,482	2,511			
7	2,320	2,232	2,155	2,311	2,232	2,231	2,160	2,228	2,376	2,387	2,614	2,474	2,480	2,510			
8	2,265	2,216	2,152	2,311	2,230	2,229	2,156	2,227	2,374	2,383	2,571	2,469	2,473	2,503			
9	2,186	2,220	2,154	2,311	2,235	2,233	2,157	2,233	2,376	2,385	2,577	2,477	2,474	2,509			
10	2,211	2,212	2,150	2,306	2,234	2,225	2,255	2,229	2,373	2,379	2,561	2,474	2,470	2,504			
11	2,202	2,142	2,144	2,307	2,233	2,224	2,207	2,227	2,376	2,377	2,522	2,471	2,468	2,499			
12	2,270	2,131	2,186	2,311	2,237	2,267	2,171	2,311	2,299	2,388	2,523	2,477	2,476	1,317			
13	2,302	2,336	2,223	2,309	2,229	2,323	2,257	2,146	2,367	2,390	2,519	2,471	1,408	2,200			
14	2,363	2,268	2,340	2,311	2,233	2,324	2,282	1,542	2,289	2,713	2,518	2,468	2,435	2,701			
15	2,314	2,256	2,322	2,311	2,242	2,336	2,297	2,378	2,403	2,895	2,548	2,476	2,700	2,706			
16	2,092	2,254	2,233	2,318	2,318	2,310	2,348	2,389	2,383	2,773	2,576	2,479	2,697	2,703			
17	2,279	2,254	2,302	2,316	2,301	2,250	2,313	2,379	2,458	2,668	2,573	2,478	2,655	2,659			
18	2,285	2,258	2,344	2,317	2,238	2,275	2,319	2,381	2,268	2,675	2,577	2,483	2,655	2,646			
19	2,279	2,236	2,313	2,314	2,232	2,232	2,317	2,374	2,283	2,673	2,573	2,482	2,612	2,606			
20	2,255	2,206	2,310	2,311	2,229	2,228	2,311	2,370	2,389	2,670	2,570	2,478	2,599	2,603			
21	2,232	2,218	2,313	2,314	2,231	2,233	2,314	2,377	2,393	2,673	2,573	2,483	2,592	2,594			
22	2,228	2,202	2,311	2,313	2,227	2,229	2,247	2,374	2,391	2,672	2,571	2,480	2,559	2,554			
23	2,229	2,201	2,308	2,308	2,225	2,226	2,228	2,371	2,388	2,668	2,567	2,478	2,560	2,552			
24	2,232	2,203	2,312	2,316	2,230	2,230	2,231	2,378	2,393	2,671	2,569	2,483	2,562	2,556			
TOTAL	54,689	53,421	53,589	55,480	54,044	53,983	53,767	54,282	56,831	60,771	61,871	59,493	59,752	60,181			
Cumulative Output Sold, kWh	965,517	1,018,938	1,072,527	1,128,057	1,182,051	1,236,034	1,289,801	1,344,083	1,400,914	1,461,685	1,523,556	1,583,049	1,642,801	1,702,982			
Transformer and line efficient	99.8%	99.8%	99.8%	99.7%	99.8%	99.8%	99.7%	99.7%	99.7%	99.7%	99.8%	99.8%	99.8%	99.7%	0.0%		
Hourly average	2,279	2,226	2,233	2,312	2,252	2,249	2,240	2,262	2,368	2,532	2,578	2,479	2,490	2,508	2,289		

APRIL 2015																		
CNBE Daily Reports Summary Data																		
		Wednesday 4/1/2015	Thursday 4/2/2015	Friday 4/3/2015	Saturday 4/4/2015	Sunday 4/5/2015	Monday 4/6/2015	Tuesday 4/7/2015	Wednesday 4/8/2015	Thursday 4/9/2015	Friday 4/10/2015	Saturday 4/11/2015	Sunday 4/12/2015	Monday 4/13/2015	Tuesday 4/14/2015	Wednesday 4/15/2015	Thursday 4/16/2015	Friday 4/17/2015
LFG and Biogas Flow to the Engines (KSCF)		1,624	1,663	1,647	1,661	1,652	1,645	1,532	1,493	1,494	1,385	1,422	1,498	1,456	1,455	1,548	1,594	1,586
LFG and Biogas Flow to the Engines (MMBTU)		797	805	795	800	771	767	735	722	720	685	762	758	737	751	783	774	770
LFG and Biogas Flow to the Flare (KSCF)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LFG and Biogas Flow to the Flare (MMBTU HHV)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LFG and Biogas Total Flow (KSCF)		1,624	1,663	1,647	1,661	1,652	1,645	1,532	1,493	1,494	1,385	1,422	1,498	1,456	1,455	1,548	1,594	1,586
LFG and Biogas Total Flow (MMBTU HHV)		797	805	795	800	771	767	735	722	720	685	762	758	737	751	783	774	770
Average Methane Content (%)		48.5	47.8	47.7	47.6	46.1	46.1	47.4	47.8	47.6	48.9	53.0	50.0	50.0	51.0	50.0	48.0	48.0
Engine 1 Hours		24	24	24	24	24	24	13	-	-	-	-	-	13	24	24	24	24
Engine 2 Hours		24	24	24	24	24	24	24	24	24	24	24	24	24	24	22	24	24
Engine 3 Hours		24	24	24	24	24	24	24	24	24	24	24	24	14	1	16	24	24
Engine 4 Hours		24	24	24	24	24	24	20	24	24	24	24	24	24	24	24	24	24
Generator 1 Power Output (kWhr)		15,316	15,648	15,480	15,090	14,664	15,110	8,850	-	-	-	-	-	9,374	19,854	17,460	14,730	15,170
Generator 2 Power Output (kWhr)		15,698	15,474	15,030	15,210	14,440	15,256	18,192	19,630	19,672	19,978	19,980	19,694	18,928	19,974	14,816	14,436	14,436
Generator 3 Power Output (kWhr)		16,038	15,820	16,760	15,328	14,384	14,388	17,564	19,976	19,958	19,960	19,960	19,958	10,024	-	10,374	15,432	14,886
Generator 4 Power Output (kWhr)		15,266	16,760	16,758	16,756	15,198	14,390	14,152	19,966	19,954	19,954	19,956	19,952	19,414	19,950	18,290	14,386	15,790
Gross Power Output (kWhr)		62,324	63,712	64,008	62,385	58,718	59,167	58,742	59,505	59,513	59,811	59,824	59,538	57,714	59,828	60,954	59,013	60,293
Net Power Output (kWhr)		60,368	61,832	62,136	60,584	56,864	57,352	56,968	57,704	57,792	58,240	58,264	57,928	56,176	58,264	59,192	57,248	58,488
Power Sold as metered by NStar, (kWhr)		60,197	61,654	61,968	60,420	56,707	57,177	56,850	57,491	57,638	58,087	58,088	57,754	56,010	58,050	59,002	57,062	58,308
Offgrid RECs (kWhr)		1,955	1,880	1,872	1,801	1,854	1,815	1,774	1,801	1,721	1,571	1,560	1,610	1,537	1,564	1,763	1,765	1,805
Calculated Performance Results																		
Daily																		
Power output (kW average when running)																		
Generator 1		638	652	645	629	611	630	681	-	-	-	-	-	721	827	728	614	632
Generator 2		654	645	626	634	602	636	758	818	820	832	833	821	789	832	673	602	602
Generator 3		668	659	698	639	599	600	732	832	832	832	832	832	716	-	648	643	620
Generator 4		636	698	698	698	633	600	708	832	831	831	832	831	809	831	762	599	658
Power output (kW average over 24-hrs)																		
Facility Gross		2,597	2,655	2,667	2,599	2,447	2,465	2,448	2,479	2,480	2,492	2,493	2,481	2,405	2,493	2,540	2,459	2,512
Facility Net		2,515	2,576	2,589	2,524	2,369	2,390	2,374	2,404	2,408	2,427	2,428	2,414	2,341	2,428	2,466	2,385	2,437
In-plant load		82	78	78	75	77	76	74	75	72	65	65	67	64	65	73	74	75
Daily availability factor																		
Facility		100%	100%	100%	100%	100%	100%	84%	75%	75%	75%	75%	75%	78%	76%	90%	100%	100%
Engine 1		100%	100%	100%	100%	100%	100%	54%	0%	0%	0%	0%	0%	54%	100%	100%	100%	100%
Engine 2		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	92%	100%	100%
Engine 3		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	58%	4%	67%	100%	100%
Engine 4		100%	100%	100%	100%	100%	100%	83%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Daily capacity factor																		
Facility		79%	80%	81%	79%	74%	75%	74%	75%	75%	76%	76%	75%	73%	76%	77%	75%	76%
Engine 1		77%	79%	78%	76%	74%	76%	83%	0%	0%	0%	0%	0%	87%	100%	88%	74%	77%
Engine 2		79%	78%	76%	77%	73%	77%	92%	99%	99%	101%	101%	99%	96%	101%	82%	73%	73%
Engine 3		81%	80%	85%	77%	73%	73%	89%	101%	101%	101%	101%	101%	87%	0%	79%	78%	75%
Engine 4		77%	85%	85%	85%	77%	73%	86%	101%	101%	101%	101%	101%	98%	101%	92%	73%	80%
Cumulative by engine																		
Engine operating run hours in the month																		
Max Cumulative Available, hours		24	48	72	96	120	144	168	192	216	240	264	288	312	336	360	384	408
Engine 1		24	48	72	96	120	144	157	157	157	157	157	157	170	194	218	242	266
Engine 2		24	48	72	96	120	144	168	192	216	240	264	288	312	336	358	382	406
Engine 3		24	48	72	96	120	144	168	192	216	240	264	288	302	303	319	343	367
Engine 4		24	48	72	96	120	144	164	188	212	236	260	284	308	332	356	380	404
Engine operating run hours total from 0 hours																		
Engine 1	74,385	74,409	74,433	74,457	74,481	74,505	74,529	74,542	74,542	74,542	74,542	74,542	74,542	74,555	74,579	74,603	74,627	74,651
Engine 2	70,764	70,788	70,812	70,836	70,860	70,884	70,908	70,932	70,956	70,980	71,004	71,028	71,052	71,076	71,100	71,122	71,146	71,170
Engine 3	73,604	73,628	73,652	73,676	73,700	73,724	73,748	73,772	73,796	73,820	73,844	73,868	73,892	73,906	73,907	73,923	73,947	73,971
Engine 4	71,331	71,355	71,379	71,403	71,427	71,451	71,475	71,495	71,519	71,543	71,567	71,591	71,615	71,639	71,663	71,687	71,711	71,735
Cumulative availability, %		April 1, 2015 @ 00:00 hours																
Engine 1		100%	100%	100%	100%	100%	100%	93%	82%	73%	65%	59%	55%	54%	58%	61%	63%	65%
Engine 2		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99%	99%	100%
Engine 3		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	97%	90%	89%	89%	90%
Engine 4		100%	100%	100%	100%	100%	100%	98%	98%	98%	98%	98%	99%	99%	99%	99%	99%	99%
Engine cumulative gross output, kWhr																		
Max cumulative capacity one engine		825	1,650	2,475	3,300	4,125	4,950	5,775	6,600	7,425	8,250	9,075	9,900	10,725	11,550	12,375	13,200	14,025
Engine 1		638	1,290	1,935	2,564	3,175	3,805	4,485	4,485	4,485	4,485	4,485	4,485	5,206	6,034	6,761	7,375	8,007
Engine 2		654	1,299	1,925	2,559	3,161	3,796	4,454	5,372	6,192	7,024	7,857	8,677	9,466	10,298	10,972	11,673	12,175
Engine 3		668	1,327	2,026	2,664	3,264	3,863	4,595	5,427	6,259	7,091	7,922	8,754	9,470	10,118	10,761	11,382	11,982
Engine 4		636	1,334	2,033	2,731	3,364	3,964	4,671	5,503	6,335	7,166	7,998	8,829	9,638	10,469	11,231	11,831	12,488
Cumulative capacity factor, %																		
Engine 1		77%	78%	78%	78%	77%	77%	78%	68%	60%	54%	49%	45%	49%	52%	55%	56%	57%
Engine 2		79%	79%	78%	78%	77%	77%	79%	81%	83%	85%	87%	88%	88%	89%	89%	88%	87%
Engine 3		81%	80%	82%	81%	79%	78%	80%	82%	84%	86%	87%	88%	88%	82%	82%	82%	81%
Engine 4		77%	81%	82%	83%	82%	80%	81%	83%	85%	87%	88%	89%	90%	91%	91%	90%	89%

		Wednesday 4/1/2015	Thursday 4/2/2015	Friday 4/3/2015	Saturday 4/4/2015	Sunday 4/5/2015	Monday 4/6/2015	Tuesday 4/7/2015	Wednesday 4/8/2015	Thursday 4/9/2015	Friday 4/10/2015	Saturday 4/11/2015	Sunday 4/12/2015	Monday 4/13/2015	Tuesday 4/14/2015	Wednesday 4/15/2015	Thursday 4/16/2015	Friday 4/17/2015
Cumulative by Facility in month																		
Max cumulative available engine run hours		96	192	288	384	480	576	672	768	864	960	1,056	1,152	1,248	1,344	1,440	1,536	1,632
Actual cumulative engine run hours		96	192	288	384	480	576	657	729	801	873	945	1,017	1,092	1,165	1,251	1,347	1,443
Cumulative Availability, %		100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	97.8%	94.9%	92.7%	90.9%	89.5%	88.3%	87.5%	86.7%	86.9%	87.7%	88.4%
Max cumulative gross output, kWhr		79,200	158,400	237,600	316,800	396,000	475,200	554,400	633,600	712,800	792,000	871,200	950,400	1,029,600	1,108,800	1,188,000	1,267,200	1,346,400
Actual cumulative gross output, kWhr		62,324	126,036	190,044	252,429	311,147	370,314	429,056	488,561	548,074	607,885	667,709	727,247	784,961	844,789	905,743	964,756	1,025,049
Cumulative Capacity Factor		78.7%	79.6%	80.0%	79.7%	78.6%	77.9%	77.4%	77.1%	76.9%	76.8%	76.9%	76.5%	76.2%	76.2%	76.2%	76.1%	76.1%
Cumulative fuel input, MMBtu HHV		797	1,602	2,397	3,197	3,968	4,735	5,470	6,192	6,912	7,597	8,360	9,118	9,855	10,606	11,389	12,163	12,933
Cumulative gross output, kWhr		62,324	126,036	190,044	252,429	311,147	370,314	429,056	488,561	548,074	607,885	667,709	727,247	784,961	844,789	905,743	964,756	1,025,049
Heat Rate																		
Daily heat rate, Btu/kWe gross LHV		11,516	11,371	11,177	11,548	11,817	11,671	11,262	10,921	10,887	10,316	11,474	11,462	11,494	11,302	11,565	11,809	11,503
Daily heat rate, Btu/kWe gross HHV		12,793	12,632	12,416	12,828	13,127	12,965	12,511	12,132	12,094	11,460	12,746	12,733	12,769	12,555	12,848	13,119	12,779
Cumulative heat rate, Btu/kWe gross LHV		11,516	11,443	11,353	11,401	11,480	11,510	11,476	11,409	11,352	11,250	11,270	11,286	11,301	11,301	11,319	11,349	11,358
Cumulative heat rate, Btu/kWe gross HHV		12,793	12,711	12,612	12,665	12,752	12,786	12,749	12,674	12,611	12,497	12,520	12,537	12,554	12,554	12,574	12,607	12,617
Cumulative by Facility starting Calendar Year																		
Max cumulative available engine run hours		8,540	8,636	8,732	8,828	8,924	9,020	9,116	9,212	9,308	9,404	9,500	9,596	9,692	9,788	9,884	9,980	10,076
Actual cumulative engine run hours		6,543	6,639	6,735	6,831	6,927	7,023	7,104	7,176	7,248	7,320	7,392	7,464	7,539	7,612	7,698	7,794	7,890
Cumulative Availability, %		76.6%	76.9%	77.1%	77.4%	77.6%	77.9%	77.9%	77.9%	77.9%	77.8%	77.8%	77.8%	77.8%	77.8%	77.9%	78.1%	78.3%
Max cumulative gross output, kWhr		7,045,500	7,124,700	7,203,900	7,283,100	7,362,300	7,441,500	7,520,700	7,599,900	7,679,100	7,758,300	7,837,500	7,916,700	7,995,900	8,075,100	8,154,300	8,233,500	8,312,700
Actual cumulative gross output, kWhr		5,089,618	5,153,330	5,217,338	5,279,723	5,338,441	5,397,608	5,456,350	5,515,855	5,575,368	5,635,179	5,695,003	5,754,541	5,812,255	5,872,083	5,933,037	5,992,050	6,052,343
Cumulative Capacity Factor		72.2%	72.3%	72.4%	72.5%	72.5%	72.5%	72.6%	72.6%	72.6%	72.6%	72.7%	72.7%	72.7%	72.7%	72.8%	72.8%	72.8%
Cumulative fuel input, MMBtu HHV		64,303	65,107	65,902	66,702	67,473	68,240	68,975	69,697	70,417	71,102	71,865	72,623	73,360	74,111	74,894	75,668	76,439
Cumulative gross output, kWhr		5,089,618	5,153,330	5,217,338	5,279,723	5,338,441	5,397,608	5,456,350	5,515,855	5,575,368	5,635,179	5,695,003	5,754,541	5,812,255	5,872,083	5,933,037	5,992,050	6,052,343
Cumulative heat rate, Btu/kWe gross LHV		11,373	11,373	11,371	11,373	11,378	11,381	11,380	11,375	11,369	11,358	11,360	11,361	11,362	11,361	11,363	11,368	11,369
Cumulative heat rate, Btu/kWe gross HHV		12,634	12,634	12,631	12,634	12,639	12,643	12,641	12,636	12,630	12,618	12,619	12,620	12,622	12,621	12,623	12,628	12,630
Service																		
Engine 1																		
Engine 2																		
Engine 3																		
Engine 4																		
Oil - oil and filter change																		
Service - plugs, air filter, valve inspection and adjustment																		
Precipitation																		
NSTAR Power Reports		Wednesday 4/1/2015	Thursday 4/2/2015	Friday 4/3/2015	Saturday 4/4/2015	Sunday 4/5/2015	Monday 4/6/2015	Tuesday 4/7/2015	Wednesday 4/8/2015	Thursday 4/9/2015	Friday 4/10/2015	Saturday 4/11/2015	Sunday 4/12/2015	Monday 4/13/2015	Tuesday 4/14/2015	Wednesday 4/15/2015	Thursday 4/16/2015	Friday 4/17/2015
Hour																		
1		2,551	2,512	2,708	2,700	2,476	2,315	2,445	2,411	2,411	2,419	2,426	2,414	2,421	2,431	2,424	2,317	2,324
2		2,557	2,507	2,657	2,704	2,511	2,312	2,514	2,409	2,408	2,415	2,421	2,409	2,416	2,424	2,421	2,321	2,320
3		2,545	2,512	2,612	2,706	2,515	2,320	2,435	2,408	2,414	2,423	2,425	2,417	2,422	2,428	2,424	2,328	2,325
4		2,509	2,510	2,611	2,705	2,474	2,318	2,423	2,407	2,416	2,420	2,423	2,418	2,418	2,428	2,424	2,327	2,324
5		2,502	2,450	2,608	2,660	2,412	2,314	2,417	2,403	2,414	2,417	2,419	2,413	2,415	2,424	2,418	2,325	2,407
6		2,511	2,419	2,612	2,612	2,415	2,318	2,422	2,412	2,417	2,422	2,423	2,405	2,419	2,429	2,425	2,331	2,415
7		2,507	2,417	2,521	2,613	2,415	2,317	2,337	2,411	2,400	2,421	2,422	2,359	2,418	2,427	2,421	2,331	2,328
8		2,507	2,414	2,509	2,603	2,411	2,314	2,318	2,360	2,356	2,414	2,419	2,356	2,415	2,414	2,409	2,326	2,321
9		2,322	2,418	2,514	2,520	2,346	2,314	2,322	2,347	2,354	2,417	2,424	2,361	2,132	2,419	1,990	2,324	2,325
10		2,405	2,415	2,510	2,476	2,320	2,312	2,289	2,343	2,346	2,415	2,422	2,359	987	2,412	2,544	2,291	2,377
11		2,393	2,432	2,505	2,416	2,315	2,325	2,236	2,339	2,346	2,413	2,415	2,377	2,397	2,406	2,350	2,472	2,596
12		2,382	2,508	2,509	2,419	2,319	2,410	2,298	2,390	2,362	2,415	2,413	2,419	2,297	2,411	2,623	2,503	2,545
13		2,452	2,504	2,512	2,415	2,315	2,404	2,357	2,411	2,414	2,420	2,413	2,419	2,543	2,416	2,538	2,503	2,508
14		2,461	2,567	2,510	2,406	2,313	2,406	2,026	2,405	2,409	2,418	2,411	2,416	2,194	2,410	2,618	2,499	2,503
15		2,667	2,704	2,601	2,411	2,316	2,411	2,340	2,407	2,416	2,417	2,416	2,420	2,277	2,413	2,603	2,417	2,495
16		2,650	2,703	2,601	2,417	2,313	2,443	2,403	2,354	2,415	2,416	2,423	2,420	2,411	2,413	2,605	2,415	2,472
17		2,609	2,705	2,602	2,479	2,312	2,514	2,403	2,357	2,415	2,422	2,421	2,417	2,419	2,405	2,604	2,413	2,509
18		2,605	2,711	2,609	2,517	2,320	2,520	2,408	2,418	2,421	2,429	2,426	2,424	2,427	2,416	2,521	2,420	2,515
19		2,521	2,708	2,608	2,515	2,319	2,483	2,411	2,417	2,419	2,427	2,425	2,423	2,429	2,420	2,517	2,419	2,514
20		2,503	2,706	2,604	2,453	2,313	2,419	2,406	2,414	2,415	2,423	2,421	2,420	2,428	2,416	2,460	2,416	2,510
21		2,507	2,710	2,610	2,420	2,318	2,424	2,411	2,418	2,418	2,428	2,424	2,425	2,434	2,424	2,421	2,394	2,423
22		2,508	2,708	2,612	2,418	2,313	2,420	2,408	2,418	2,418	2,426	2,421	2,423	2,431	2,420	2,417	2,325	2,419
23		2,509	2,705	2,610	2,415	2,311	2,420	2,407	2,414	2,414	2,423	2,416	2,418	2,428	2,420	2,414	2,320	2,414
24		2,514	2,709	2,613	2,420	2,315	2,424	2,414	2,418	2,420	2,427	2,419	2,422	2,432	2,424	2,411	2,325	2,419
TOTAL		60,197	61,654	61,968	60,420	56,707	57,177	56,850	57,491	57,638	58,087	58,088	57,754	56,010	58,050	59,002	57,062	58,308
Cumulative Output Sold, kWhr		60,197	121,851	183,819	244,239	300,946	358,123	414,973	472,464	530,102	588,189	646,277	704,031	760,041	818,091	877,093	934,155	992,463
Transformer and line efficiency		99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.8%	99.6%	99.7%	99.7%	99.7%	99.7%	99.7%	99.6%	99.7%	99.7%	99.7%
Hourly average		2,508	2,569	2,582	2,518	2,363	2,382	2,369	2,395	2,402	2,420	2,420	2,406	2,334	2,419	2,458	2,378	2,430

APRIL 2015																
CNBE Daily Reports Summary Data																
	Saturday 4/18/2015	Sunday 4/19/2015	Monday 4/20/2015	Tuesday 4/21/2015	Wednesday 4/22/2015	Thursday 4/23/2015	Friday 4/24/2015	Saturday 4/25/2015	Sunday 4/26/2015	Monday 4/27/2015	Tuesday 4/28/2015	Wednesday 4/29/2015	Thursday 4/30/2015	TOTAL	Biogas	LFG
LFG and Biogas Flow to the Engine	1,578	1,444	1,551	1,562	1,505	1,495	1,461	1,454	1,482	1,415	1,431	1,415	1,381	45,530	2,290	43,240
LFG and Biogas Flow to the Engine (t)	767	701	714	770	723	696	725	721	735	722	730	730	713	22,380	1,622	20,758
LFG and Biogas Flow to the Flare (t)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.2%	92.8%
LFG and Biogas Flow to the Flare (M)	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
LFG and Biogas Total Flow (KSCF)	1,578	1,444	1,551	1,562	1,505	1,495	1,461	1,454	1,482	1,415	1,431	1,415	1,381	45,530		
LFG and Biogas Total Flow (MMBT)	767	701	714	770	723	696	725	721	735	722	730	730	713	22,380		
Average Methane Content (%)	48.0	48.0	45.5	48.7	47.5	46.0	49.0	49.0	50.4	50.4	51.0	51.0	51.0	48.6		
Engine 1 Hours	24	24	24	24	24	14	-	-	-	-	5	24	24	453		
Engine 2 Hours	24	24	24	24	24	24	24	24	24	24	19	-	-	665		
Engine 3 Hours	24	24	24	24	24	24	24	24	24	24	24	24	24	679		
Engine 4 Hours	24	24	24	24	24	24	24	24	24	23	25	24	24	716		
Generator 1 Power Output (kWhr)	14,936	15,428	15,130	14,966	14,352	8,512	-	-	-	-	3,794	19,862	18,832	302,558		
Generator 2 Power Output (kWhr)	14,434	14,432	14,258	14,442	14,442	16,210	19,864	19,982	19,978	19,948	15,340	-	-	474,174		
Generator 3 Power Output (kWhr)	13,546	13,202	14,154	14,290	13,858	16,262	19,966	19,966	19,964	19,776	19,970	19,974	19,018	484,756		
Generator 4 Power Output (kWhr)	16,434	14,382	16,082	16,754	15,888	16,940	19,948	19,946	19,944	19,614	19,944	19,946	18,992	531,706		
Gross Power Output (kWhr)	59,379	57,489	59,639	60,480	58,573	57,924	59,696	59,807	59,808	59,265	58,966	59,715	56,721	1,792,511		
Net Power Output (kWhr)	57,536	55,760	57,840	58,576	56,696	56,232	58,192	58,328	58,280	57,664	57,424	58,240	55,272	1,741,440		
Power Sold as metered by NStar, (kWhr)	57,343	55,580	57,675	58,379	56,503	56,033	58,020	58,149	58,101	57,471	57,240	58,023	55,095	1,736,075		
Offgrid REC's (kWhr)	1,843	1,729	1,799	1,904	1,877	1,691	1,504	1,479	1,528	1,601	1,542	1,475	1,449	51,069		
Calculated Performance Results																
Daily																
Power output (kW average when on)																
Generator 1	622	643	630	624	598	608	-	-	-	-	759	828	785			
Generator 2	601	601	594	602	602	675	828	833	832	831	807	-	-			
Generator 3	564	550	590	595	577	678	832	832	832	824	832	832	792			
Generator 4	685	599	670	698	662	706	831	831	831	853	798	831	791			
Power output (kW average over 24 hours)																
Facility Gross	2,474	2,395	2,485	2,520	2,441	2,414	2,487	2,492	2,492	2,469	2,457	2,488	2,363			
Facility Net	2,397	2,323	2,410	2,441	2,362	2,343	2,425	2,430	2,428	2,403	2,393	2,427	2,303			
In-plant load	77	72	75	79	78	71	63	62	64	67	64	61	60			
Daily availability factor																
Facility	100%	100%	100%	100%	100%	90%	75%	75%	75%	74%	76%	75%	75%			
Engine 1	100%	100%	100%	100%	100%	58%	0%	0%	0%	0%	21%	100%	100%			
Engine 2	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	79%	0%	0%			
Engine 3	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%			
Engine 4	100%	100%	100%	100%	100%	100%	100%	100%	100%	96%	104%	100%	100%			
Daily capacity factor																
Facility	75%	73%	75%	76%	74%	73%	75%	76%	76%	75%	74%	75%	72%			
Engine 1	75%	78%	76%	76%	72%	74%	0%	0%	0%	0%	92%	100%	95%			
Engine 2	73%	73%	72%	73%	73%	82%	100%	101%	101%	101%	98%	0%	0%			
Engine 3	68%	67%	71%	72%	70%	82%	101%	101%	101%	100%	101%	101%	96%			
Engine 4	83%	73%	81%	85%	80%	86%	101%	101%	101%	103%	97%	101%	96%			
Cumulative by engine																
Engine operating run hours in the month																
Max Cumulative Available, (hrs)	432	456	480	504	528	552	576	600	624	648	672	696	720			
Engine 1	290	314	338	362	386	400	400	400	400	400	405	429	453			
Engine 2	430	454	478	502	526	550	574	598	622	646	665	665	665			
Engine 3	391	415	439	463	487	511	535	559	583	607	631	655	679			
Engine 4	428	452	476	500	524	548	572	596	620	643	668	692	716			
Engine operating run hours total																
Engine 1	74,675	74,699	74,723	74,747	74,771	74,785	74,785	74,785	74,785	74,785	74,790	74,814	74,838			
Engine 2	71,194	71,218	71,242	71,266	71,290	71,314	71,338	71,362	71,386	71,410	71,429	71,429	71,429			
Engine 3	73,995	74,019	74,043	74,067	74,091	74,115	74,139	74,163	74,187	74,211	74,235	74,259	74,283			
Engine 4	71,759	71,783	71,807	71,831	71,855	71,879	71,903	71,927	71,951	71,974	71,999	72,023	72,047			
Cumulative availability, %																
Engine 1	67%	69%	70%	72%	73%	72%	69%	67%	64%	62%	60%	62%	63%			
Engine 2	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99%	96%	92%			
Engine 3	91%	91%	91%	92%	92%	93%	93%	93%	93%	94%	94%	94%	94%			
Engine 4	99%	99%	99%	99%	99%	99%	99%	99%	99%	99%	99%	99%	99%			
Engine cumulative gross output																
Max cumulative capacity output (kWhr)	14,850	15,675	16,500	17,325	18,150	18,975	19,800	20,625	21,450	22,275	23,100	23,925	24,750			
Engine 1	8,629	9,272	9,903	10,526	11,124	11,732	11,732	11,732	11,732	11,732	12,491	13,318	14,103			
Engine 2	12,776	13,377	13,971	14,573	15,175	15,850	16,678	17,511	18,343	19,174	19,982	19,982	19,982			
Engine 3	11,946	12,496	13,086	13,681	14,259	14,936	15,768	16,600	17,432	18,256	19,088	19,920	20,713			
Engine 4	13,173	13,772	14,443	15,141	15,803	16,508	17,340	18,171	19,002	19,854	20,652	21,483	22,275			
Cumulative capacity factor, %																
Engine 1	58%	59%	60%	61%	61%	62%	59%	57%	55%	53%	54%	56%	57%			
Engine 2	86%	85%	85%	84%	84%	84%	84%	85%	86%	86%	87%	84%	81%			
Engine 3	80%	80%	79%	79%	79%	79%	80%	80%	81%	82%	83%	83%	84%			
Engine 4	89%	88%	88%	87%	87%	87%	88%	88%	89%	89%	89%	90%	90%			

	Saturday 4/18/2015	Sunday 4/19/2015	Monday 4/20/2015	Tuesday 4/21/2015	Wednesday 4/22/2015	Thursday 4/23/2015	Friday 4/24/2015	Saturday 4/25/2015	Sunday 4/26/2015	Monday 4/27/2015	Tuesday 4/28/2015	Wednesday 4/29/2015	Thursday 4/30/2015	TOTAL	Biogas	LFG
Cumulative by Facility in month																
Max cumulative available engine run h	1,728	1,824	1,920	2,016	2,112	2,208	2,304	2,400	2,496	2,592	2,688	2,784	2,880			
Actual cumulative engine run h	1,539	1,635	1,731	1,827	1,923	2,009	2,081	2,153	2,225	2,296	2,369	2,441	2,513			
Cumulative Availability, %	89.1%	89.6%	90.2%	90.6%	91.1%	91.0%	90.3%	89.7%	89.1%	88.6%	88.1%	87.7%	87.3%			
Max cumulative gross output, kWh	1,425,600	1,504,800	1,584,000	1,663,200	1,742,400	1,821,600	1,900,800	1,980,000	2,059,200	2,138,400	2,217,600	2,296,800	2,376,000			
Actual cumulative gross output, kWh	1,084,428	1,141,917	1,201,556	1,262,036	1,320,609	1,378,533	1,438,229	1,498,036	1,557,844	1,617,109	1,676,075	1,735,790	1,792,511			
Cumulative Capacity Factor	76.1%	75.9%	75.9%	75.9%	75.8%	75.7%	75.7%	75.7%	75.7%	75.6%	75.6%	75.6%	75.4%			
Cumulative fuel input, MMBtu H	13,700	14,401	15,116	15,886	16,609	17,305	18,029	18,750	19,485	20,207	20,937	21,667	22,380			
Cumulative gross output, kWh	1,084,428	1,141,917	1,201,556	1,262,036	1,320,609	1,378,533	1,438,229	1,498,036	1,557,844	1,617,109	1,676,075	1,735,790	1,792,511			
Heat Rate																
Daily heat rate, Btu/kWe gross	11,622	10,984	10,780	11,459	11,117	10,817	10,926	10,852	11,061	10,961	11,145	11,007	11,314			
Daily heat rate, Btu/kWe gross	12,911	12,202	11,975	12,729	12,349	12,016	12,138	12,055	12,287	12,177	12,380	12,228	12,569			
Cumulative heat rate, Btu/kWe	11,373	11,353	11,325	11,331	11,322	11,300	11,285	11,267	11,260	11,249	11,245	11,237	11,239			
Cumulative heat rate, Btu/kWe	12,633	12,612	12,580	12,587	12,577	12,553	12,536	12,517	12,508	12,496	12,492	12,483	12,485			
Cumulative by Facility starting 4/18/2015																
Max cumulative available engine run h	10,172	10,268	10,364	10,460	10,556	10,652	10,748	10,844	10,940	11,036	11,132	11,228	11,324			
Actual cumulative engine run h	7,986	8,082	8,178	8,274	8,370	8,456	8,528	8,600	8,672	8,743	8,816	8,888	8,960			
Cumulative Availability, %	78.5%	78.7%	78.9%	79.1%	79.3%	79.4%	79.3%	79.3%	79.3%	79.2%	79.2%	79.2%	79.1%			
Max cumulative gross output, kWh	8,391,900	8,471,100	8,550,300	8,629,500	8,708,700	8,787,900	8,867,100	8,946,300	9,025,500	9,104,700	9,183,900	9,263,100	9,342,300			
Actual cumulative gross output, kWh	6,111,722	6,169,211	6,228,850	6,289,330	6,347,903	6,405,827	6,465,523	6,525,330	6,585,138	6,644,403	6,703,369	6,763,084	6,819,805			
Cumulative Capacity Factor	72.8%	72.8%	72.8%	72.9%	72.9%	72.9%	72.9%	72.9%	73.0%	73.0%	73.0%	73.0%	73.0%			
Cumulative fuel input, MMBtu H	77,205	77,907	78,621	79,391	80,114	80,810	81,535	82,256	82,990	83,712	84,442	85,172	85,885			
Cumulative gross output, kWh	6,111,722	6,169,211	6,228,850	6,289,330	6,347,903	6,405,827	6,465,523	6,525,330	6,585,138	6,644,403	6,703,369	6,763,084	6,819,805			
Cumulative heat rate, Btu/kWe	11,372	11,368	11,362	11,363	11,361	11,356	11,352	11,348	11,345	11,341	11,340	11,337	11,337			
Cumulative heat rate, Btu/kWe	12,632	12,628	12,622	12,623	12,621	12,615	12,611	12,606	12,603	12,599	12,597	12,594	12,594			
Service																
Engine 1															California	
Engine 2															Analytical Returned	
Engine 3															6 well connected	
Engine 4	48.0	48.0	45.5	48.7	47.5	46.0	49.0	49.0	49.0	50.4	50.4	51.0				
Oil - oil and filter change																
Service - plugs, air filter, valve inspection																
Precipitation																
NSTAR Power Reports	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	TOTAL		
Date	4/18/2015	4/19/2015	4/20/2015	4/21/2015	4/22/2015	4/23/2015	4/24/2015	4/25/2015	4/26/2015	4/27/2015	4/28/2015	4/29/2015	4/30/2015			
Hour																
1	2,416	2,266	2,372	2,418	2,410	2,269	2,417	2,420	2,420	2,422	2,423	2,422	2,422			
2	2,411	2,264	2,412	2,412	2,408	2,263	2,412	2,414	2,417	2,416	2,417	2,418	2,418			
3	2,418	2,271	2,420	2,417	2,417	2,267	2,419	2,424	2,425	2,421	2,425	2,425	2,423			
4	2,415	2,271	2,419	2,411	2,414	2,271	2,417	2,426	2,426	2,421	2,423	2,425	2,423			
5	2,411	2,267	2,475	2,407	2,363	2,266	2,412	2,423	2,420	2,414	2,418	2,419	2,418			
6	2,420	2,273	2,519	2,416	2,313	2,273	2,418	2,428	2,425	2,422	2,423	2,426	2,423			
7	2,415	2,274	2,519	2,416	2,274	2,273	2,414	2,428	2,425	2,421	2,425	2,426	2,396			
8	2,365	2,268	2,422	2,413	2,268	2,263	2,409	2,421	2,419	2,418	2,415	2,417	2,351			
9	2,395	2,273	2,417	2,394	2,272	2,269	2,415	2,426	2,424	2,282	2,419	2,414	2,285			
10	2,364	2,266	2,411	2,361	2,264	2,268	2,408	2,425	2,421	2,294	2,415	2,406	588			
11	2,362	2,265	2,403	2,455	2,333	2,266	2,400	2,417	2,415	2,287	2,407	2,395	1,568			
12	2,366	2,276	2,409	2,506	2,404	2,268	2,411	2,416	2,421	2,334	2,419	2,405	2,416			
13	2,363	2,277	2,411	2,447	2,405	2,334	2,418	2,420	2,422	2,353	2,412	2,412	2,410			
14	2,454	2,365	1,664	2,417	2,402	2,355	2,413	2,419	2,417	2,366	2,410	2,409	2,405			
15	2,458	2,371	2,513	2,407	2,408	2,410	2,419	2,425	2,422	2,416	2,417	2,418	2,412			
16	2,454	2,370	2,508	2,410	2,410	2,411	2,423	2,424	2,423	2,415	2,417	2,419	2,412			
17	2,452	2,366	2,466	2,502	2,409	2,407	2,421	2,415	2,417	2,416	2,415	2,417	2,411			
18	2,460	2,372	2,414	2,511	2,414	2,417	2,428	2,427	2,424	2,424	1,997	2,425	2,418			
19	2,432	2,373	2,417	2,512	2,414	2,419	2,428	2,428	2,422	2,424	2,145	2,424	2,417			
20	2,361	2,370	2,413	2,505	2,393	2,413	2,422	2,423	2,418	2,419	2,315	2,418	2,411			
21	2,348	2,373	2,420	2,414	2,304	2,417	2,426	2,428	2,422	2,423	2,424	2,424	2,418			
22	2,270	2,371	2,419	2,412	2,270	2,411	2,425	2,426	2,421	2,423	2,421	2,422	2,418			
23	2,265	2,366	2,413	2,405	2,265	2,408	2,420	2,421	2,415	2,417	2,416	2,414	2,413			
24	2,268	2,372	2,419	2,411	2,269	2,415	2,425	2,425	2,420	2,423	2,422	2,423	2,419			
TOTAL	57,343	55,580	57,675	58,379	56,503	56,033	58,020	58,149	58,101	57,471	57,240	58,023	55,095			
Cumulative Output Sold, kWh	1,049,806	1,105,386	1,163,061	1,221,440	1,277,943	1,333,976	1,391,996	1,450,145	1,508,246	1,565,717	1,622,957	1,680,980	1,736,075			
Transformer and line efficient	99.7%	99.7%	99.7%	99.7%	99.7%	99.6%	99.7%	99.7%	99.7%	99.7%	99.7%	99.6%	99.7%	0.0%		
Hourly average	2,389	2,316	2,403	2,432	2,354	2,335	2,418	2,423	2,421	2,395	2,385	2,418	2,296	2,411		

MAY 2015																		
CNBE Daily Reports Summary Data																		
		Friday 5/1/2015	Saturday 5/2/2015	Sunday 5/3/2015	Monday 5/4/2015	Tuesday 5/5/2015	Wednesday 5/6/2015	Thursday 5/7/2015	Friday 5/8/2015	Saturday 5/9/2015	Sunday 5/10/2015	Monday 5/11/2015	Tuesday 5/12/2015	Wednesday 5/13/2015	Thursday 5/14/2015	Friday 5/15/2015	Saturday 5/16/2015	Sunday 5/17/2015
LFG and Biogas Flow to the Engines (KSCF)		1,357	1,408	1,405	1,402	1,393	1,385	1,332	1,393	1,372	1,367	1,250	1,250	1,349	1,357	1,369	1,343	1,321
LFG and Biogas Flow to the Engines (MMBTU U)		712	748	749	749	746	745	737	759	756	757	707	693	748	728	740	730	716
LFG and Biogas Flow to the Flare (KSCF)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LFG and Biogas Flow to the Flare (MMBTU HHV)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LFG and Biogas Total Flow (KSCF)		1,357	1,408	1,405	1,402	1,393	1,385	1,332	1,393	1,372	1,367	1,250	1,250	1,349	1,357	1,369	1,343	1,321
LFG and Biogas Total Flow (MMBTU HHV)		712	748	749	749	746	745	737	759	756	757	707	693	748	728	740	730	716
Average Methane Content (%)		51.9	52.5	52.7	52.8	52.9	53.1	54.7	53.8	54.4	54.8	55.9	54.7	54.8	53.1	53.5	53.7	53.6
Engine 1 Hours		24	24	24	24	24	24	24	23	24	24	24	24	24	23	24	24	24
Engine 2 Hours		-	-	-	14	24	24	24	24	24	24	24	24	24	24	24	23	24
Engine 3 Hours		24	24	24	23	24	24	24	24	24	24	24	-	-	3	-	-	-
Engine 4 Hours		24	24	24	14	-	-	2	-	-	-	-	22	24	24	24	24	24
Generator 1 Power Output (kWhr)		19,868	19,864	19,868	19,866	19,864	19,866	18,444	18,686	19,858	19,858	18,868	19,624	19,564	16,884	19,822	19,690	18,450
Generator 2 Power Output (kWhr)		-	-	-	11,012	19,728	19,728	18,488	19,732	19,730	19,728	18,838	19,726	19,724	18,996	19,900	18,544	18,542
Generator 3 Power Output (kWhr)		19,958	19,958	19,960	17,466	19,970	19,964	18,500	19,818	19,962	19,964	18,966	188	-	1,650	-	-	-
Generator 4 Power Output (kWhr)		19,948	19,944	19,944	10,762	-	-	-	820	-	-	-	17,878	19,960	19,952	19,894	19,956	19,954
Gross Power Output (kWhr)		59,584	59,654	59,722	59,102	59,572	59,566	55,434	59,047	59,546	59,543	56,658	57,456	59,291	57,523	59,663	58,245	57,003
Net Power Output (kWhr)		58,088	58,184	58,240	57,496	58,000	58,048	53,952	57,488	58,112	58,000	55,128	55,744	57,600	55,800	57,952	56,624	55,360
Power Sold as metered by NStar, (kWhr)		57,953	58,012	58,048	57,303	57,814	57,876	53,794	57,308	57,951	57,830	54,955	55,575	57,426	55,640	57,790	56,451	55,175
Offgrid RECs (kWhr)		1,495	1,470	1,482	1,606	1,573	1,518	1,482	1,559	1,434	1,543	1,530	1,712	1,692	1,723	1,710	1,621	1,643
Calculated Performance Results																		
Daily																		
Power output (kW average when running)																		
Generator 1		828	828	828	828	828	828	769	812	827	827	786	818	815	734	826	820	769
Generator 2		-	-	-	787	822	822	770	822	822	822	785	822	822	792	829	806	773
Generator 3		832	832	832	759	832	832	771	826	832	832	790	-	-	550	-	-	-
Generator 4		831	831	831	769	-	-	-	410	-	-	-	813	832	831	829	832	831
Power output (kW average over 24-hrs)																		
Facility Gross		2,483	2,486	2,488	2,463	2,482	2,482	2,310	2,460	2,481	2,481	2,361	2,394	2,470	2,397	2,486	2,427	2,375
Facility Net		2,420	2,424	2,427	2,396	2,417	2,419	2,248	2,395	2,421	2,417	2,297	2,323	2,400	2,325	2,415	2,359	2,307
In-plant load		62	61	62	67	66	63	62	65	60	64	64	71	70	72	71	68	68
Daily availability factor																		
Facility		75%	75%	75%	78%	75%	75%	75%	76%	75%	75%	75%	73%	75%	77%	75%	74%	75%
Engine 1		100%	100%	100%	100%	100%	100%	100%	96%	100%	100%	100%	100%	100%	96%	100%	100%	100%
Engine 2		0%	0%	0%	58%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	96%	100%
Engine 3		100%	100%	100%	96%	100%	100%	100%	100%	100%	100%	100%	0%	0%	13%	0%	0%	0%
Engine 4		100%	100%	100%	58%	0%	0%	0%	8%	0%	0%	0%	92%	100%	100%	100%	100%	100%
Daily capacity factor																		
Facility		75%	75%	75%	75%	75%	75%	70%	75%	75%	75%	72%	73%	75%	73%	75%	74%	72%
Engine 1		100%	100%	100%	100%	100%	100%	93%	98%	100%	100%	95%	99%	99%	89%	100%	99%	93%
Engine 2		0%	0%	0%	95%	100%	100%	93%	100%	100%	100%	95%	100%	100%	96%	101%	98%	94%
Engine 3		101%	101%	101%	92%	101%	101%	93%	100%	101%	101%	96%	0%	0%	67%	0%	0%	0%
Engine 4		101%	101%	101%	93%	0%	0%	0%	50%	0%	0%	0%	99%	101%	101%	100%	101%	101%
Cumulative by engine																		
Engine operating run hours in the month																		
Max Cumulative Available, hours		24	48	72	96	120	144	168	192	216	240	264	288	312	336	360	384	408
Engine 1		24	48	72	96	120	144	168	191	215	239	263	287	311	334	358	382	406
Engine 2		0	0	0	14	38	62	86	110	134	158	182	206	230	254	278	301	325
Engine 3		24	48	72	95	119	143	167	191	215	239	263	263	263	266	266	266	266
Engine 4		24	48	72	86	86	86	86	88	88	88	88	110	134	158	182	206	230
Engine operating run hours total from 0 hours																		
Engine 1		74,838	74,862	74,886	74,910	74,934	74,958	74,982	75,006	75,029	75,053	75,077	75,101	75,125	75,149	75,172	75,196	75,220
Engine 2		71,429	71,429	71,429	71,443	71,467	71,491	71,515	71,539	71,563	71,587	71,611	71,635	71,659	71,683	71,707	71,730	71,754
Engine 3		74,283	74,307	74,331	74,355	74,378	74,402	74,426	74,450	74,474	74,498	74,522	74,546	74,546	74,546	74,549	74,549	74,549
Engine 4		72,047	72,071	72,095	72,119	72,133	72,133	72,133	72,133	72,135	72,135	72,135	72,135	72,157	72,181	72,205	72,229	72,277
Cumulative availability, %		May 1, 2015 @ 00:00 hours																
Engine 1		100%	100%	100%	100%	100%	100%	100%	99%	100%	100%	100%	100%	100%	99%	99%	99%	100%
Engine 2		0%	0%	0%	15%	32%	43%	51%	57%	62%	66%	69%	72%	74%	76%	77%	78%	80%
Engine 3		100%	100%	100%	99%	99%	99%	99%	99%	100%	100%	100%	91%	84%	79%	74%	69%	65%
Engine 4		100%	100%	100%	90%	72%	60%	51%	46%	41%	37%	33%	38%	43%	47%	51%	54%	56%
Engine cumulative gross output, kWhr																		
Max cumulative capacity one engine		825	1,650	2,475	3,300	4,125	4,950	5,775	6,600	7,425	8,250	9,075	9,900	10,725	11,550	12,375	13,200	14,025
Engine 1		828	1,656	2,483	3,311	4,139	4,967	5,795	6,547	7,375	8,202	8,988	9,806	10,621	11,355	12,181	13,002	13,770
Engine 2		-	-	-	787	1,609	2,431	3,201	4,023	4,845	5,667	6,452	7,274	8,096	8,887	9,716	10,523	11,295
Engine 3		832	1,663	2,495	3,254	4,086	4,918	5,689	6,515	7,346	8,178	8,969	9,869	10,699	11,519	12,319	13,119	13,919
Engine 4		831	1,662	2,493	3,262	4,086	4,918	5,689	6,515	7,346	8,178	8,969	9,869	10,699	11,519	12,319	13,119	13,919
Cumulative capacity factor, %																		
Engine 1		100%	100%	100%	100%	100%	100%	99%	99%	99%	99%	99%	99%	99%	98%	98%	98%	98%
Engine 2		0%	0%	0%	24%	39%	49%	55%	61%	65%	69%	71%	73%	75%	77%	79%	80%	81%
Engine 3		101%	101%	101%	99%	99%	99%	99%	99%	99%	99%	99%	91%	84%	77%	72%	68%	62%
Engine 4		101%	101%	101%	99%	79%	66%	56%	56%	49%	45%	40%	45%	50%	53%	56%	59%	62%

		Friday 5/1/2015	Saturday 5/2/2015	Sunday 5/3/2015	Monday 5/4/2015	Tuesday 5/5/2015	Wednesday 5/6/2015	Thursday 5/7/2015	Friday 5/8/2015	Saturday 5/9/2015	Sunday 5/10/2015	Monday 5/11/2015	Tuesday 5/12/2015	Wednesday 5/13/2015	Thursday 5/14/2015	Friday 5/15/2015	Saturday 5/16/2015	Sunday 5/17/2015
Cumulative by Facility in month																		
Max cumulative available engine run hours		96	192	288	384	480	576	672	768	864	960	1,056	1,152	1,248	1,344	1,440	1,536	1,632
Actual cumulative engine run hours		72	144	216	291	363	435	507	580	652	724	796	866	938	1,012	1,084	1,155	1,227
Cumulative Availability, %		75.0%	75.0%	75.0%	75.8%	75.6%	75.5%	75.4%	75.5%	75.5%	75.4%	75.4%	75.2%	75.2%	75.3%	75.3%	75.2%	75.2%
Max cumulative gross output, kWhr		79,200	158,400	237,600	316,800	396,000	475,200	554,400	633,600	712,800	792,000	871,200	950,400	1,029,600	1,108,800	1,188,000	1,267,200	1,346,400
Actual cumulative gross output, kWhr		59,584	119,238	178,960	238,062	297,634	357,200	412,634	471,681	531,227	590,770	647,428	704,884	764,175	821,698	881,361	939,606	996,609
Cumulative Capacity Factor		75.2%	75.3%	75.3%	75.1%	75.2%	75.2%	74.4%	74.4%	74.5%	74.6%	74.3%	74.2%	74.2%	74.1%	74.2%	74.1%	74.0%
Cumulative fuel input, MMBtu HHV		712	1,460	2,209	2,958	3,704	4,449	5,186	5,945	6,700	7,458	8,165	8,857	9,606	10,334	11,074	11,804	12,520
Cumulative gross output, kWhr		59,584	119,238	178,960	238,062	297,634	357,200	412,634	471,681	531,227	590,770	647,428	704,884	764,175	821,698	881,361	939,606	996,609
Heat Rate																		
Daily heat rate, Btu/kWe gross LHV		10,755	11,291	11,288	11,408	11,276	11,257	11,970	11,564	11,421	11,451	11,237	10,852	11,357	11,399	11,169	11,283	11,309
Daily heat rate, Btu/kWe gross HHV		11,948	12,542	12,540	12,673	12,526	12,505	13,297	12,846	12,688	12,720	12,482	12,055	12,616	12,662	12,408	12,534	12,562
Cumulative heat rate, Btu/kWe gross LHV		10,755	11,023	11,112	11,185	11,203	11,212	11,314	11,345	11,354	11,364	11,353	11,312	11,315	11,321	11,311	11,309	11,309
Cumulative heat rate, Btu/kWe gross HHV		11,948	12,245	12,344	12,425	12,445	12,455	12,569	12,603	12,613	12,624	12,611	12,566	12,570	12,576	12,565	12,563	12,563
Cumulative by Facility starting Calendar Year																		
Max cumulative available engine run hours		11,420	11,516	11,612	11,708	11,804	11,900	11,996	12,092	12,188	12,284	12,380	12,476	12,572	12,668	12,764	12,860	12,956
Actual cumulative engine run hours		9,032	9,104	9,176	9,251	9,323	9,395	9,467	9,540	9,612	9,684	9,756	9,826	9,898	9,972	10,044	10,115	10,187
Cumulative Availability, %		79.1%	79.1%	79.0%	79.0%	79.0%	78.9%	78.9%	78.9%	78.9%	78.8%	78.8%	78.8%	78.7%	78.7%	78.7%	78.7%	78.6%
Max cumulative gross output, kWhr		9,421,500	9,500,700	9,579,900	9,659,100	9,738,300	9,817,500	9,896,700	9,975,900	10,055,100	10,134,300	10,213,500	10,292,700	10,371,900	10,451,100	10,530,300	10,609,500	10,688,700
Actual cumulative gross output, kWhr		6,879,389	6,939,043	6,998,765	7,057,867	7,117,439	7,177,005	7,232,439	7,291,486	7,351,032	7,410,575	7,467,233	7,524,689	7,583,980	7,641,503	7,701,166	7,759,411	7,816,414
Cumulative Capacity Factor		73.0%	73.0%	73.1%	73.1%	73.1%	73.1%	73.1%	73.1%	73.1%	73.1%	73.1%	73.1%	73.1%	73.1%	73.1%	73.1%	73.1%
Cumulative fuel input, MMBtu HHV		86,597	87,345	88,094	88,843	89,589	90,334	91,071	91,830	92,585	93,343	94,050	94,743	95,491	96,219	96,959	97,689	98,406
Cumulative gross output, kWhr		6,879,389	6,939,043	6,998,765	7,057,867	7,117,439	7,177,005	7,232,439	7,291,486	7,351,032	7,410,575	7,467,233	7,524,689	7,583,980	7,641,503	7,701,166	7,759,411	7,816,414
Cumulative heat rate, Btu/kWe gross LHV		11,332	11,331	11,331	11,332	11,331	11,330	11,335	11,337	11,338	11,339	11,338	11,334	11,334	11,335	11,334	11,333	11,333
Cumulative heat rate, Btu/kWe gross HHV		12,588	12,588	12,587	12,588	12,587	12,587	12,592	12,594	12,595	12,596	12,595	12,591	12,591	12,592	12,590	12,590	12,590
Service																		
Engine 1																		
Engine 2																		
Engine 3																		
Engine 4																		
Oil - oil and filter change																		
Service - plugs, air filter, valve inspection and adjustment																		
Precipitation																		
NSTAR Power Reports		Friday 5/1/2015	Saturday 5/2/2015	Sunday 5/3/2015	Monday 5/4/2015	Tuesday 5/5/2015	Wednesday 5/6/2015	Thursday 5/7/2015	Friday 5/8/2015	Saturday 5/9/2015	Sunday 5/10/2015	Monday 5/11/2015	Tuesday 5/12/2015	Wednesday 5/13/2015	Thursday 5/14/2015	Friday 5/15/2015	Saturday 5/16/2015	Sunday 5/17/2015
Hour																		
1		2,418	2,421	2,424	2,423	2,416	2,417	2,420	2,399	2,420	2,417	2,414	1,807	2,400	2,346	2,419	2,366	2,305
2		2,414	2,415	2,413	2,415	2,409	2,411	2,415	2,393	2,415	2,410	2,407	1,582	2,395	2,334	2,415	2,359	2,300
3		2,421	2,422	2,422	2,420	2,415	2,417	2,422	2,399	2,422	2,416	2,414	1,954	2,402	2,324	2,422	2,364	2,305
4		2,420	2,420	2,425	2,420	2,415	2,417	2,422	2,398	2,421	2,416	2,414	2,397	2,403	2,315	2,423	2,364	2,306
5		2,414	2,415	2,419	2,413	2,410	2,411	2,416	2,392	2,415	2,410	2,407	2,393	2,398	2,301	2,417	2,359	2,300
6		2,421	2,422	2,425	2,424	2,417	2,417	2,423	2,399	2,422	2,416	2,414	2,402	2,405	2,295	2,423	2,366	2,306
7		2,420	2,423	2,426	2,424	2,418	2,418	2,423	2,399	2,422	2,416	2,413	2,405	2,406	2,271	2,423	2,366	2,308
8		2,414	2,416	2,417	2,415	2,407	2,410	2,413	2,383	2,416	2,410	2,404	2,398	2,398	2,121	2,385	2,360	2,299
9		2,414	2,421	2,423	2,415	2,406	2,410	2,406	2,380	2,422	2,414	2,403	2,398	2,394	2,081	2,311	2,360	2,302
10		2,407	2,416	2,419	2,232	2,407	2,403	2,395	2,379	2,421	2,413	2,399	2,390	2,384	2,282	2,410	2,354	2,299
11		2,403	2,395	2,404	1,903	2,388	2,397	2,390	2,371	2,409	2,396	2,384	2,380	2,376	2,466	2,399	2,348	2,291
12		2,411	2,404	2,407	2,367	2,405	2,407	2,397	2,379	2,402	2,396	2,395	2,380	2,384	2,245	2,396	2,354	2,296
13		2,412	2,409	2,419	2,449	2,404	2,405	2,013	2,369	2,402	2,406	2,398	2,382	2,389	2,366	2,405	2,352	2,297
14		2,404	2,408	2,414	2,489	2,394	2,398	858	1,974	2,406	2,398	1,505	2,374	2,387	2,211	2,402	2,348	2,290
15		2,411	2,420	2,420	2,400	2,401	2,407	1,331	2,555	2,413	2,406	893	2,385	2,396	2,035	2,407	2,355	2,295
16		2,411	2,420	2,420	2,402	2,402	2,408	1,822	2,415	2,414	2,408	2,136	2,388	2,398	2,337	2,415	2,358	2,296
17		2,405	2,414	2,415	2,401	2,402	2,407	2,069	2,403	2,408	2,402	2,387	2,387	2,391	2,403	2,412	2,354	2,289
18		2,418	2,421	2,420	2,411	2,413	2,415	2,388	2,413	2,414	2,409	2,393	2,395	2,398	2,414	2,419	2,361	2,296
19		2,420	2,422	2,423	2,414	2,416	2,416	2,392	2,418	2,416	2,411	2,394	2,396	2,400	2,415	2,420	2,362	2,298
20		2,415	2,417	2,417	2,410	2,410	2,412	2,392	2,414	2,411	2,408	2,392	2,392	2,395	2,411	2,416	2,357	2,295
21		2,422	2,424	2,423	2,416	2,416	2,419	2,399	2,420	2,417	2,416	2,399	2,399	2,400	2,417	2,422	2,362	2,299
22		2,421	2,424	2,422	2,415	2,416	2,419	2,398	2,421	2,417	2,414	2,399	2,399	2,399	2,418	2,423	2,318	2,302
23		2,416	2,418	2,412	2,409	2,410	2,414	2,392	2,414	2,410	2,408	2,393	2,393	2,375	2,413	2,418	2,299	2,297
24		2,421	2,425	2,419	2,416	2,417	2,421	2,398	2,421	2,416	2,414	2,398	2,399	2,353	2,419	2,388	2,305	2,304
TOTAL		57,953	58,012	58,048	57,303	57,814	57,876	53,794	57,308	57,951	57,830	54,955	55,575	57,426	55,640	57,790	56,451	55,175
Cumulative Output Sold, kWhr		57,953	115,965	174,013	231,316	289,130	347,006	400,800	458,108	516,059	573,889	628,844	684,419	741,845	797,485	855,275	911,726	966,901
Transformer and line efficiency		99.8%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%
Hourly average		2,415	2,417	2,419	2,388	2,409	2,412	2,241	2,388	2,415	2,410	2,290	2,316	2,393	2,318	2,408	2,352	2,299

MAY 2015																	
CNBE Daily Reports Summary Data																	
	Monday 5/18/2015	Tuesday 5/19/2015	Wednesday 5/20/2015	Thursday 5/21/2015	Friday 5/22/2015	Saturday 5/23/2015	Sunday 5/24/2015	Monday 5/25/2015	Tuesday 5/26/2015	Wednesday 5/27/2015	Thursday 5/28/2015	Friday 5/29/2015	Saturday 5/30/2015	Sunday 5/31/2015	TOTAL	Biogas	LFG
LFG and Biogas Flow to the Engine	1,321	1,328	1,315	1,249	1,340	1,339	1,337	1,265	1,351	1,257	1,033	1,166	1,364	1,386	41,100	2,348	38,752
LFG and Biogas Flow to the Engine (t)	720	735	729	681	745	746	763	732	757	676	567	625	721	744	22,461	1,663	20,797
LFG and Biogas Flow to the Flare (t)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.4%	93%
LFG and Biogas Flow to the Flare (M)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LFG and Biogas Total Flow (KSCF)	1,321	1,328	1,315	1,249	1,340	1,339	1,337	1,265	1,351	1,257	1,033	1,166	1,364	1,386	41,100	-	-
LFG and Biogas Total Flow (MMBTU)	720	735	729	681	745	746	763	732	757	676	567	625	721	744	22,461	-	-
Average Methane Content (%)	53.9	54.7	54.8	53.8	55.0	55.0	56.4	57.1	55.4	53.2	54.3	53.0	52.3	53.0	54.0	-	-
Engine 1 Hours	24	24	8	-	1	-	-	-	3	2	5	13	24	24	534	-	-
Engine 2 Hours	24	24	24	22	24	24	24	24	24	24	23	24	24	24	658	-	-
Engine 3 Hours	-	1	16	22	24	24	24	24	24	24	24	23	25	24	545	-	-
Engine 4 Hours	24	24	24	22	24	24	24	24	24	16	-	-	-	-	460	-	-
Generator 1 Power Output (kWhr)	19,260	19,828	6,406	-	-	-	-	-	68	202	712	9,686	19,846	19,854	424,806	-	-
Generator 2 Power Output (kWhr)	19,406	19,940	19,694	17,402	19,932	19,302	19,970	19,974	19,972	19,972	18,894	19,974	19,968	19,968	536,784	-	-
Generator 3 Power Output (kWhr)	-	-	13,166	17,714	19,936	19,968	19,964	19,968	19,968	19,970	19,642	19,974	19,976	19,974	446,544	-	-
Generator 4 Power Output (kWhr)	19,958	19,928	19,956	17,118	19,860	19,940	19,944	19,946	19,946	13,194	-	-	-	-	378,802	-	-
Gross Power Output (kWhr)	58,671	59,737	59,183	52,163	59,620	59,125	59,778	59,801	59,864	53,238	39,134	49,576	59,779	59,794	1,786,072	-	-
Net Power Output (kWhr)	57,008	58,040	57,440	50,632	57,784	57,368	57,952	57,936	57,960	51,528	37,528	47,608	57,640	57,688	1,733,928	-	-
Power Sold as metered by NStar, (kWhr)	56,832	57,890	57,279	50,493	57,601	57,191	57,788	57,750	57,770	51,418	37,475	47,465	57,481	57,528	1,728,862	-	-
Offgrid REC's (kWhr)	1,663	1,697	1,743	1,532	1,836	1,757	1,826	1,865	1,904	1,710	1,606	1,968	2,139	2,106	52,145	-	-
Calculated Performance Results																	
Daily																	
Power output (kW average when running)																	
Generator 1	803	826	801	-	-	-	-	-	23	101	142	745	827	827			
Generator 2	809	831	821	791	831	804	832	832	832	832	821	832	832	832			
Generator 3	-	-	823	805	831	832	832	832	832	832	818	868	799	832			
Generator 4	832	830	832	778	828	831	831	831	831	825	-	-	-	-			
Power output (kW average over 24 hours)																	
Facility Gross	2,445	2,489	2,466	2,173	2,484	2,464	2,491	2,492	2,494	2,218	1,631	2,066	2,491	2,491			
Facility Net	2,375	2,418	2,393	2,110	2,408	2,390	2,415	2,414	2,415	2,147	1,564	1,984	2,402	2,404			
In-plant load	69	71	73	64	77	73	76	78	79	71	67	82	89	88			
Daily availability factor																	
Facility	75%	76%	75%	69%	76%	75%	75%	75%	78%	69%	54%	63%	76%	75%			
Engine 1	100%	100%	33%	0%	4%	0%	0%	0%	13%	8%	21%	54%	100%	100%			
Engine 2	100%	100%	100%	92%	100%	100%	100%	100%	100%	100%	96%	100%	100%	100%			
Engine 3	0%	4%	67%	92%	100%	100%	100%	100%	100%	100%	100%	96%	104%	100%			
Engine 4	100%	100%	100%	92%	100%	100%	100%	100%	100%	67%	0%	0%	0%	0%			
Daily capacity factor																	
Facility	74%	75%	75%	66%	75%	75%	75%	76%	76%	67%	49%	63%	75%	75%			
Engine 1	97%	100%	97%	0%	0%	0%	0%	0%	3%	12%	17%	90%	100%	100%			
Engine 2	98%	101%	99%	96%	101%	97%	101%	101%	101%	101%	100%	101%	101%	101%			
Engine 3	0%	0%	100%	98%	101%	101%	101%	101%	101%	101%	99%	105%	97%	101%			
Engine 4	101%	101%	101%	94%	100%	101%	101%	101%	101%	100%	0%	0%	0%	0%			
Cumulative by engine																	
Engine operating run hours in the month																	
Max Cumulative Available, (hrs)	432	456	480	504	528	552	576	600	624	648	672	696	720	720			
Engine 1	430	454	462	462	463	463	463	463	466	468	473	486	510	510			
Engine 2	349	373	397	419	443	467	491	515	539	563	586	610	634	634			
Engine 3	266	267	283	305	329	353	377	401	425	449	473	496	521	520			
Engine 4	254	278	302	324	348	372	396	420	444	460	460	460	460	460			
Engine operating run hours total																	
Engine 1	75,268	75,292	75,300	75,300	75,301	75,301	75,301	75,301	75,304	75,306	75,311	75,324	75,348	75,348			
Engine 2	71,778	71,802	71,826	71,848	71,872	71,896	71,920	71,944	71,968	71,992	72,015	72,039	72,063	72,063			
Engine 3	74,549	74,550	74,566	74,588	74,612	74,636	74,660	74,684	74,708	74,732	74,756	74,779	74,804	74,803			
Engine 4	72,301	72,325	72,349	72,371	72,395	72,419	72,443	72,467	72,491	72,507	72,507	72,507	72,507	72,507			
Cumulative availability, %																	
Engine 1	100%	100%	96%	92%	88%	84%	80%	77%	75%	72%	70%	70%	71%	71%			
Engine 2	81%	82%	83%	83%	84%	85%	85%	86%	86%	87%	87%	88%	88%	88%			
Engine 3	62%	59%	59%	61%	62%	64%	65%	67%	68%	69%	70%	71%	72%	72%			
Engine 4	59%	61%	63%	64%	66%	67%	69%	70%	71%	71%	68%	66%	64%	64%			
Engine cumulative gross output																	
Max cumulative capacity of engines	14,850	15,675	16,500	17,325	18,150	18,975	19,800	20,625	21,450	22,275	23,100	23,925	24,750	24,750			
Engine 1	14,573	15,399	16,200	16,200	16,200	16,200	16,200	16,200	16,223	16,324	16,466	17,211	18,038	18,038			
Engine 2	12,104	12,935	13,755	14,546	15,377	16,181	17,013	17,845	18,678	19,510	20,331	21,163	21,995	21,995			
Engine 3	9,519	9,519	10,341	11,147	11,977	12,809	13,641	14,473	15,305	16,137	16,956	17,824	18,623	18,656			
Engine 4	9,471	10,301	11,133	11,911	12,738	13,569	14,400	15,231	16,062	16,887	16,887	16,887	16,887	16,887			
Cumulative capacity factor, %																	
Engine 1	98%	98%	98%	94%	89%	85%	82%	79%	76%	73%	71%	72%	73%	73%			
Engine 2	82%	83%	83%	84%	85%	85%	86%	87%	87%	88%	88%	88%	89%	89%			
Engine 3	64%	61%	63%	64%	66%	68%	69%	70%	71%	72%	73%	74%	75%	75%			
Engine 4	64%	66%	67%	69%	70%	72%	73%	74%	75%	76%	73%	71%	68%	68%			

	Monday 5/18/2015	Tuesday 5/19/2015	Wednesday 5/20/2015	Thursday 5/21/2015	Friday 5/22/2015	Saturday 5/23/2015	Sunday 5/24/2015	Monday 5/25/2015	Tuesday 5/26/2015	Wednesday 5/27/2015	Thursday 5/28/2015	Friday 5/29/2015	Saturday 5/30/2015	Sunday 5/31/2015	TOTAL	Biogas	LFG
Cumulative by Facility in month																	
Max cumulative available engine run h	1,728	1,824	1,920	2,016	2,112	2,208	2,304	2,400	2,496	2,592	2,688	2,784	2,880	2,880			
Actual cumulative engine run h	1,299	1,372	1,444	1,510	1,583	1,655	1,727	1,799	1,874	1,940	1,992	2,052	2,125	2,124			
Cumulative Availability, %	75.2%	75.2%	75.2%	74.9%	75.0%	75.0%	75.0%	75.0%	75.1%	74.8%	74.1%	73.7%	73.8%	73.8%			
Max cumulative gross output, kW	1,425,600	1,504,800	1,584,000	1,663,200	1,742,400	1,821,600	1,900,800	1,980,000	2,059,200	2,138,400	2,217,600	2,296,800	2,376,000	2,376,000			
Actual cumulative gross output, kW	1,055,280	1,115,017	1,174,200	1,226,363	1,285,983	1,345,108	1,404,886	1,464,687	1,524,551	1,577,789	1,616,923	1,666,499	1,726,278	1,726,293			
Cumulative Capacity Factor	74.0%	74.1%	74.1%	73.7%	73.8%	73.8%	73.9%	74.0%	74.0%	73.8%	72.9%	72.6%	72.7%	72.7%			
Cumulative fuel input, MMBtu H	13,240	13,976	14,705	15,385	16,131	16,876	17,639	18,371	19,127	19,803	20,371	20,996	21,717	21,740			
Cumulative gross output, kWhr	1,055,280	1,115,017	1,174,200	1,226,363	1,285,983	1,345,108	1,404,886	1,464,687	1,524,551	1,577,789	1,616,923	1,666,499	1,726,278	1,726,293			
Heat Rate																	
Daily heat rate, Btu/kWe gross	11,046	11,080	11,091	11,747	11,250	11,354	11,486	11,013	11,377	11,434	13,052	11,347	10,859	11,199			
Daily heat rate, Btu/kWe gross	12,271	12,309	12,321	13,049	12,497	12,612	12,759	12,234	12,639	12,701	14,499	12,605	12,063	12,441			
Cumulative heat rate, Btu/kWe	11,294	11,283	11,273	11,294	11,292	11,294	11,302	11,291	11,294	11,299	11,341	11,341	11,325	11,336			
Cumulative heat rate, Btu/kWe	12,547	12,534	12,523	12,546	12,543	12,546	12,555	12,542	12,546	12,551	12,598	12,599	12,580	12,593			
Cumulative by Facility starting 5/18/2015																	
Max cumulative available engine run h	13,052	13,148	13,244	13,340	13,436	13,532	13,628	13,724	13,820	13,916	14,012	14,108	14,204	14,204			
Actual cumulative engine run h	10,259	10,332	10,404	10,470	10,543	10,615	10,687	10,759	10,834	10,900	10,952	11,012	11,085	11,084			
Cumulative Availability, %	78.6%	78.6%	78.6%	78.5%	78.5%	78.4%	78.4%	78.4%	78.4%	78.3%	78.2%	78.1%	78.0%	78.0%			
Max cumulative gross output, kW	10,767,900	10,847,100	10,926,300	11,005,500	11,084,700	11,163,900	11,243,100	11,322,300	11,401,500	11,480,700	11,559,900	11,639,100	11,718,300	11,718,300			
Actual cumulative gross output, kW	7,875,085	7,934,822	7,994,005	8,046,168	8,105,788	8,164,913	8,224,691	8,284,492	8,344,356	8,397,594	8,436,728	8,486,304	8,546,083	8,546,098			
Cumulative Capacity Factor	73.1%	73.2%	73.2%	73.1%	73.1%	73.1%	73.2%	73.2%	73.2%	73.1%	73.0%	72.9%	72.9%	72.9%			
Cumulative fuel input, MMBtu H	99,125	99,861	100,590	101,271	102,016	102,761	103,524	104,256	105,012	105,689	106,256	106,881	107,602	107,625			
Cumulative gross output, kWhr	7,875,085	7,934,822	7,994,005	8,046,168	8,105,788	8,164,913	8,224,691	8,284,492	8,344,356	8,397,594	8,436,728	8,486,304	8,546,083	8,546,098			
Cumulative heat rate, Btu/kWe	11,331	11,329	11,327	11,330	11,329	11,330	11,331	11,328	11,329	11,330	11,337	11,338	11,334	11,337			
Cumulative heat rate, Btu/kWe	12,587	12,585	12,583	12,586	12,586	12,586	12,587	12,584	12,585	12,586	12,594	12,595	12,591	12,593			
Service																	
Engine 1			E-1 Overhaul	E-1 Overhaul	E-1 Overhaul				TY tune wellfield	Problem restarting E1		Wire Harness short					
Engine 2				Plant shutdown					Phase 1 and 2 closed								
Engine 3	E-3 Overhaul	E-3 Overhaul	E-3 Overhaul														
Engine 4										Dropped valve		Restarted					
Oil - oil and filter change																	
Service - plugs, air filter, valve inspection																	
Precipitation																	
NSTAR Power Reports	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	TOTAL		
Date	5/18/2015	5/19/2015	5/20/2015	5/21/2015	5/22/2015	5/23/2015	5/24/2015	5/25/2015	5/26/2015	5/27/2015	5/28/2015	5/29/2015	5/30/2015	5/31/2015			
Hour																	
1	2,305	2,424	2,415	2,422	2,414	2,355	2,416	2,410	2,409	2,415	1,602	1,588	2,402	2,399			
2	2,299	2,418	2,409	2,417	2,408	2,351	2,411	2,407	2,404	2,410	1,597	1,584	2,397	2,396			
3	2,304	2,423	2,415	2,391	2,413	2,356	2,415	2,412	2,408	2,414	1,602	1,588	2,400	2,399			
4	2,306	2,424	2,366	2,364	2,414	2,357	2,416	2,413	2,410	2,415	1,603	1,589	2,401	2,400			
5	2,302	2,420	2,354	2,360	2,408	2,352	2,410	2,408	2,405	2,411	1,598	1,584	2,396	2,396			
6	2,308	2,425	2,361	2,364	2,413	2,357	2,416	2,413	2,410	2,416	1,603	1,589	2,401	2,400			
7	2,309	2,425	2,362	2,365	2,415	2,359	2,416	2,414	2,411	2,415	1,604	1,590	2,402	2,401			
8	2,303	2,418	2,212	2,351	2,410	2,351	2,408	2,406	2,403	2,409	1,598	1,582	2,396	2,394			
9	2,303	2,418	2,203	1,862	2,377	2,352	2,409	2,407	2,401	2,407	1,596	1,577	2,397	2,396			
10	2,330	2,416	2,407	2,412	2,291	2,352	2,409	2,406	2,395	2,397	1,590	1,574	2,395	2,396			
11	2,396	2,406	2,402	2,402	2,392	2,338	2,395	2,397	2,389	2,409	1,612	1,569	2,390	2,385			
12	2,409	2,413	2,407	2,402	2,404	2,377	2,394	2,391	2,396	2,406	1,833	2,013	2,389	2,388			
13	2,407	2,415	2,408	2,402	2,401	2,408	2,406	2,401	2,396	2,402	1,899	1,811	2,387	2,395			
14	2,396	2,408	2,403	2,399	2,393	2,407	2,399	2,399	2,404	2,398	1,221	2,268	2,381	2,389			
15	2,399	2,414	2,408	1,168	2,396	2,411	2,404	2,403	2,440	2,436	809	2,385	2,381	2,395			
16	2,407	2,397	2,412	-	2,403	2,412	2,405	2,404	2,409	2,410	1,445	2,390	2,385	2,397			
17	2,404	2,339	2,408	72	2,403	2,407	2,402	2,403	2,399	1,645	1,575	2,385	2,393	2,396			
18	2,416	2,411	2,415	1,861	2,408	2,412	2,409	2,408	2,405	1,609	1,579	2,394	2,396	2,402			
19	2,422	2,413	2,415	2,414	2,409	2,414	2,411	2,409	2,411	1,600	1,583	2,401	2,400	2,405			
20	2,419	2,411	2,416	2,410	2,405	2,409	2,407	2,405	2,410	1,596	1,583	2,398	2,396	2,398			
21	2,423	2,415	2,422	2,417	2,410	2,414	2,410	2,410	2,414	1,598	1,586	2,403	2,400	2,402			
22	2,424	2,415	2,422	2,417	2,411	2,415	2,411	2,410	2,416	1,602	1,588	2,404	2,401	2,402			
23	2,418	2,409	2,416	2,408	2,406	2,410	2,401	2,405	2,411	1,597	1,583	2,398	2,396	2,397			
24	2,423	2,413	2,421	2,413	2,397	2,415	2,408	2,409	2,414	1,601	1,586	2,401	2,399	2,400			
TOTAL	56,832	57,890	57,279	50,493	57,601	57,191	57,788	57,750	57,770	51,418	37,475	47,465	57,481	57,528			
Cumulative Output Sold, kW	1,023,733	1,081,623	1,138,902	1,189,395	1,246,996	1,304,187	1,361,975	1,419,725	1,477,495	1,528,913	1,566,388	1,613,853	1,671,334	1,728,862			
Transformer and line efficient	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.8%	99.9%	99.7%	99.7%	99.7%	0.0%		
Hourly average	2,368	2,412	2,387	2,104	2,400	2,383	2,408	2,406	2,407	2,142	1,561	1,978	2,395	2,397	2,324		

JUNE 2015																		
CNBE Daily Reports Summary Data																		
	Monday 6/1/2015	Tuesday 6/2/2015	Wednesday 6/3/2015	Thursday 6/4/2015	Friday 6/5/2015	Saturday 6/6/2015	Sunday 6/7/2015	Monday 6/8/2015	Tuesday 6/9/2015	Wednesday 6/10/2015	Thursday 6/11/2015	Friday 6/12/2015	Saturday 6/13/2015	Sunday 6/14/2015	Monday 6/15/2015	Tuesday 6/16/2015	Wednesday 6/17/2015	
LFG and Biogas Flow to the Engines (KSCF)	1,382	1,399	1,375	1,375	1,355	1,350	1,284	1,334	1,294	1,316	1,313	1,295	1,325	1,241	1,299	1,279	1,283	
LFG and Biogas Flow to the Engines (MMBTU HHV)	748	770	758	764	742	729	700	726	711	717	716	712	728	675	717	709	705	
LFG and Biogas Flow to the Flare (KSCF)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
LFG and Biogas Flow to the Flare (MMBTU HHV)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
LFG and Biogas Total Flow (KSCF)	1,382	1,399	1,375	1,375	1,355	1,350	1,284	1,334	1,294	1,316	1,313	1,295	1,325	1,241	1,299	1,279	1,283	
LFG and Biogas Total Flow (MMBTU HHV)	748	770	758	764	742	729	700	726	711	717	716	712	728	675	717	709	705	
Average Methane Content (%)	53.5	54.4	54.5	54.9	54.1	53.4	53.9	53.8	54.3	53.8	53.9	54.3	54.3	53.8	54.5	54.8	54.3	
Engine 1 Hours	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	
Engine 2 Hours	24	24	24	24	24	24	18	24	24	24	24	15	-	-	-	-	14	
Engine 3 Hours	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	10	
Engine 4 Hours	6	7	1	-	-	-	2	-	-	-	-	8	24	24	24	24	24	
Generator 1 Power Output (kWhr)	19,472	19,680	19,858	19,862	19,856	19,858	19,668	19,482	19,144	19,568	19,034	19,336	19,614	19,228	19,286	19,504	18,764	
Generator 2 Power Output (kWhr)	19,576	19,534	19,976	19,972	19,974	19,312	14,178	19,282	19,564	19,166	19,352	11,750	-	-	-	-	10,988	
Generator 3 Power Output (kWhr)	19,486	19,518	19,976	19,974	19,972	19,970	19,778	19,594	19,252	19,764	19,218	19,530	19,764	19,336	19,392	19,614	7,766	
Generator 4 Power Output (kWhr)	1,808	1,746	-	-	-	-	1,070	-	-	-	-	6,128	19,582	19,214	19,332	19,592	19,336	
Gross Power Output (kWhr)	60,335	60,474	59,821	59,807	59,809	59,144	54,697	58,362	57,971	58,501	57,624	56,733	58,951	57,776	57,996	58,682	56,885	
Net Power Output (kWhr)	58,288	58,464	57,808	57,784	57,768	57,160	52,832	56,344	55,920	56,424	55,560	54,744	57,080	55,944	56,136	56,704	54,968	
Power Sold as metered by NStar, (kWhr)	58,178	58,357	57,676	57,655	57,621	57,016	52,692	56,193	55,746	56,257	55,383	54,571	56,879	55,766	55,968	56,534	54,776	
Offgrid RECs (kWhr)	2,047	2,010	2,013	2,023	2,041	1,984	1,865	2,018	2,051	2,077	2,064	1,988	1,871	1,832	1,860	1,978	1,916	
Calculated Performance Results																		
Daily																		
Power output (kW average when running)																		
Generator 1	811	820	827	828	827	827	820	812	798	815	793	806	817	801	804	813	782	
Generator 2	816	814	832	832	832	805	788	803	815	799	806	783	-	-	-	-	785	
Generator 3	812	813	832	832	832	832	824	816	802	824	801	814	824	806	808	817	777	
Generator 4	301	249	-	-	-	-	535	-	-	-	-	766	816	801	806	816	806	
Power output (kW average over 24-hrs)																		
Facility Gross	2,514	2,520	2,493	2,492	2,492	2,464	2,279	2,432	2,415	2,438	2,401	2,364	2,456	2,407	2,417	2,445	2,370	
Facility Net	2,429	2,436	2,409	2,408	2,407	2,382	2,201	2,348	2,330	2,351	2,315	2,281	2,378	2,331	2,339	2,363	2,290	
In-plant load	85	84	84	84	85	83	78	84	85	87	86	83	78	76	78	82	80	
Daily availability factor																		
Facility	81%	82%	76%	75%	75%	75%	71%	75%	75%	75%	75%	74%	75%	75%	75%	75%	75%	
Engine 1	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	
Engine 2	100%	100%	100%	100%	100%	100%	75%	100%	100%	100%	100%	63%	0%	0%	0%	0%	58%	
Engine 3	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	42%	
Engine 4	25%	29%	4%	0%	0%	0%	8%	0%	0%	0%	0%	33%	100%	100%	100%	100%	100%	
Daily capacity factor																		
Facility	76%	76%	76%	76%	76%	75%	69%	74%	73%	74%	73%	72%	74%	73%	73%	74%	72%	
Engine 1	98%	99%	100%	100%	100%	100%	99%	98%	99%	99%	96%	98%	99%	97%	97%	99%	95%	
Engine 2	99%	99%	101%	101%	101%	98%	95%	97%	99%	97%	98%	95%	0%	0%	0%	0%	95%	
Engine 3	98%	99%	101%	101%	101%	101%	100%	99%	97%	100%	97%	99%	100%	98%	98%	99%	94%	
Engine 4	37%	30%	0%	0%	0%	0%	65%	0%	0%	0%	0%	93%	99%	97%	98%	99%	98%	
Cumulative by engine																		
Engine operating run hours in the month																		
Max Cumulative Available, hours	24	48	72	96	120	144	168	192	216	240	264	288	312	336	360	384	408	
Engine 1	24	48	72	96	120	144	168	192	216	240	264	288	312	336	360	384	408	
Engine 2	24	48	72	96	120	144	162	186	210	234	258	273	273	273	273	273	287	
Engine 3	24	48	72	96	120	144	168	192	216	240	264	288	312	336	360	384	394	
Engine 4	6	13	14	14	14	14	16	16	16	16	16	24	48	72	96	120	144	
Engine operating run hours total from 0 hours																		
Engine 1	75,396	75,420	75,444	75,468	75,492	75,516	75,540	75,568	75,612	75,636	75,660	75,684	75,708	75,732	75,756	75,780	75,804	
Engine 2	72,124	72,148	72,172	72,196	72,220	72,244	72,268	72,292	72,316	72,340	72,364	72,388	72,412	72,436	72,460	72,484	72,508	
Engine 3	74,875	74,899	74,923	74,947	74,971	74,995	75,019	75,043	75,067	75,091	75,115	75,139	75,163	75,187	75,211	75,235	75,259	
Engine 4	72,527	72,533	72,540	72,541	72,541	72,541	72,543	72,543	72,543	72,543	72,543	72,551	72,575	72,599	72,623	72,647	72,671	
Cumulative availability, %	June 1, 2015 @ 00:00 hours																	
Engine 1	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	
Engine 2	100%	100%	100%	100%	100%	100%	96%	97%	97%	98%	98%	95%	88%	81%	76%	71%	70%	
Engine 3	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	97%	
Engine 4	25%	27%	19%	15%	12%	10%	10%	8%	7%	7%	6%	8%	15%	21%	27%	31%	35%	
Engine cumulative gross output, kWhr																		
Max cumulative capacity one engine	825	1,650	2,475	3,300	4,125	4,950	5,775	6,600	7,425	8,250	9,075	9,900	10,725	11,550	12,375	13,200	14,025	
Engine 1	811	1,631	2,459	3,286	4,114	4,941	5,761	6,572	7,370	8,185	8,978	9,784	10,601	11,403	12,206	13,019	13,801	
Engine 2	816	1,630	2,462	3,294	4,126	4,931	5,719	6,522	7,337	8,136	8,942	9,726	10,508	11,286	12,064	12,842	13,619	
Engine 3	812	1,625	2,458	3,290	4,122	4,954	5,778	6,595	7,397	8,220	9,021	9,835	10,658	11,464	12,272	13,089	13,866	
Engine 4	301	551	551	551	551	551	1,086	1,086	1,086	1,086	1,086	1,852	2,668	3,468	4,274	5,090	5,896	
Cumulative capacity factor, %																		
Engine 1	98%	99%	99%	100%	100%	100%	100%	100%	99%	99%	99%	99%	99%	99%	99%	99%	98%	
Engine 2	99%	99%	99%	100%	100%	100%	99%	99%	99%	99%	99%	99%	91%	84%	79%	74%	75%	
Engine 3	98%	98%	99%	100%	100%	100%	100%	100%	100%	100%	99%	99%	99%	99%	99%	99%	99%	
Engine 4	37%	33%	22%	17%	13%	11%	19%	16%	15%	13%	12%	19%	25%	30%	35%	39%	42%	

		Monday 6/1/2015	Tuesday 6/2/2015	Wednesday 6/3/2015	Thursday 6/4/2015	Friday 6/5/2015	Saturday 6/6/2015	Sunday 6/7/2015	Monday 6/8/2015	Tuesday 6/9/2015	Wednesday 6/10/2015	Thursday 6/11/2015	Friday 6/12/2015	Saturday 6/13/2015	Sunday 6/14/2015	Monday 6/15/2015	Tuesday 6/16/2015	Wednesday 6/17/2015
Cumulative by Facility in month																		
	Max cumulative available engine run hours	96	192	288	384	480	576	672	768	864	960	1,056	1,152	1,248	1,344	1,440	1,536	1,632
	Actual cumulative engine run hours	78	157	230	302	374	446	514	586	658	730	802	873	945	1,017	1,089	1,161	1,233
	Cumulative Availability, %	81.3%	81.8%	79.9%	78.6%	77.9%	77.4%	76.5%	76.3%	76.2%	76.0%	75.9%	75.8%	75.7%	75.7%	75.6%	75.6%	75.6%
	Max cumulative gross output, kWhr	79,200	158,400	237,600	316,800	396,000	475,200	554,400	633,600	712,800	792,000	871,200	950,400	1,029,600	1,108,800	1,188,000	1,267,200	1,346,400
	Actual cumulative gross output, kWhr	60,335	120,809	180,630	240,437	300,246	359,390	414,087	472,449	530,420	588,921	646,545	703,278	762,229	820,005	878,001	936,683	993,568
	Cumulative Capacity Factor	76.2%	76.3%	76.0%	75.9%	75.8%	75.6%	74.7%	74.6%	74.4%	74.4%	74.2%	74.0%	74.0%	74.0%	73.9%	73.9%	73.8%
	Cumulative fuel input, MMBtu HHV	748	1,518	2,276	3,040	3,782	4,512	5,212	5,937	6,649	7,366	8,082	8,794	9,521	10,196	10,913	11,622	12,327
	Cumulative gross output, kWhr	60,335	120,809	180,630	240,437	300,246	359,390	414,087	472,449	530,420	588,921	646,545	703,278	762,229	820,005	878,001	936,683	993,568
Heat Rate																		
	Daily heat rate, Btu/kWe gross LHV	11,163	11,455	11,407	11,503	11,174	11,099	11,521	11,195	11,047	11,033	11,182	11,297	11,114	10,515	11,123	10,875	11,153
	Daily heat rate, Btu/kWe gross HHV	12,401	12,724	12,671	12,778	12,413	12,329	12,798	12,436	12,272	12,256	12,422	12,550	12,346	11,681	12,356	12,080	12,390
	Cumulative heat rate, Btu/kWe gross LHV	11,163	11,309	11,341	11,381	11,340	11,300	11,329	11,313	11,284	11,259	11,252	11,256	11,245	11,193	11,189	11,169	11,168
	Cumulative heat rate, Btu/kWe gross HHV	12,401	12,563	12,599	12,643	12,597	12,553	12,586	12,567	12,535	12,507	12,500	12,504	12,491	12,434	12,429	12,407	12,406
Cumulative by Facility starting Calendar Year																		
	Max cumulative available engine run hours	14,300	14,396	14,492	14,588	14,684	14,780	14,876	14,972	15,068	15,164	15,260	15,356	15,452	15,548	15,644	15,740	15,836
	Actual cumulative engine run hours	11,162	11,241	11,314	11,386	11,458	11,530	11,598	11,670	11,742	11,814	11,886	11,957	12,029	12,101	12,173	12,245	12,317
	Cumulative Availability, %	78.1%	78.1%	78.1%	78.1%	78.0%	78.0%	78.0%	77.9%	77.9%	77.9%	77.9%	77.9%	77.8%	77.8%	77.8%	77.8%	77.8%
	Max cumulative gross output, kWhr	11,797,500	11,876,700	11,955,900	12,035,100	12,114,300	12,193,500	12,272,700	12,351,900	12,431,100	12,510,300	12,589,500	12,668,700	12,747,900	12,827,100	12,906,300	12,985,500	13,064,700
	Actual cumulative gross output, kWhr	8,606,433	8,666,907	8,726,728	8,786,535	8,846,344	8,905,488	8,960,185	9,018,547	9,076,518	9,135,019	9,192,643	9,249,376	9,308,327	9,366,103	9,424,099	9,482,781	9,539,666
	Cumulative Capacity Factor	73.0%	73.0%	73.0%	73.0%	73.0%	73.0%	73.0%	73.0%	73.0%	73.0%	73.0%	73.0%	73.0%	73.0%	73.0%	73.0%	73.0%
	Cumulative fuel input, MMBtu HHV	108,373	109,142	109,900	110,665	111,407	112,136	112,836	113,562	114,273	114,990	115,706	116,418	117,146	117,821	118,538	119,246	119,951
	Cumulative gross output, kWhr	8,606,433	8,666,907	8,726,728	8,786,535	8,846,344	8,905,488	8,960,185	9,018,547	9,076,518	9,135,019	9,192,643	9,249,376	9,308,327	9,366,103	9,424,099	9,482,781	9,539,666
	Cumulative heat rate, Btu/kWe gross LHV	11,335	11,336	11,337	11,338	11,337	11,335	11,336	11,335	11,333	11,332	11,331	11,330	11,329	11,324	11,323	11,320	11,319
	Cumulative heat rate, Btu/kWe gross HHV	12,592	12,593	12,594	12,595	12,594	12,592	12,593	12,592	12,590	12,588	12,587	12,587	12,585	12,580	12,578	12,575	12,574
Service																		
	Engine 1																	
	Engine 2							E-2 frayed wire trip					E-2 trip and backfire					
	Engine 3																	
	Engine 4																	
Oil - oil and filter change																		
Service - plugs, air filter, valve inspection and adjustment																		
Precipitation																		
	NSTAR Power Reports	Monday 6/1/2015	Tuesday 6/2/2015	Wednesday 6/3/2015	Thursday 6/4/2015	Friday 6/5/2015	Saturday 6/6/2015	Sunday 6/7/2015	Monday 6/8/2015	Tuesday 6/9/2015	Wednesday 6/10/2015	Thursday 6/11/2015	Friday 6/12/2015	Saturday 6/13/2015	Sunday 6/14/2015	Monday 6/15/2015	Tuesday 6/16/2015	Wednesday 6/17/2015
	Date																	
	Hour																	
	1	2,401	2,409	2,406	2,404	2,407	2,405	2,348	2,398	2,287	2,402	2,291	2,230	2,409	2,351	2,235	2,407	2,288
	2	2,396	2,404	2,403	2,399	2,403	2,401	2,342	2,346	2,282	2,353	2,287	2,227	2,404	2,286	2,231	2,403	2,285
	3	2,400	2,406	2,404	2,401	2,405	2,403	2,344	2,349	2,285	2,344	2,289	2,230	2,406	2,282	2,233	2,405	2,287
	4	2,401	2,407	2,407	2,403	2,405	2,387	2,344	2,349	2,287	2,346	2,291	2,232	2,409	2,236	2,236	2,407	2,290
	5	2,397	2,403	2,401	2,399	2,401	2,344	2,339	2,343	2,283	2,342	2,287	2,229	2,404	2,232	2,232	2,403	2,286
	6	2,401	2,407	2,405	2,402	2,404	2,347	2,287	2,348	2,263	2,345	2,290	2,231	2,407	2,234	2,234	2,406	2,290
	7	2,403	2,409	2,406	2,405	2,406	2,348	2,233	2,349	2,232	2,346	2,336	2,233	2,394	2,236	2,237	2,408	2,291
	8	2,397	2,401	2,403	2,402	2,400	2,344	2,260	2,342	2,227	2,339	2,339	2,305	2,345	2,230	2,234	2,395	2,284
	9	2,396	2,397	2,405	2,404	2,395	2,346	2,339	2,335	2,317	2,331	2,385	2,387	2,292	2,230	2,233	2,397	2,251
	10	2,396	2,404	2,400	2,404	2,395	2,348	2,395	2,385	2,376	2,329	2,396	2,390	2,233	2,229	2,260	2,400	2,168
	11	2,371	2,394	2,395	2,398	2,393	2,393	2,395	2,387	2,386	2,322	2,391	2,382	2,228	2,357	2,390	2,394	2,216
	12	2,529	2,479	2,399	2,396	2,396	2,400	2,401	2,387	1,752	2,356	2,385	2,377	2,229	2,361	2,377	2,395	2,260
	13	2,466	2,533	2,403	2,396	2,397	2,404	2,403	2,396	2,396	2,378	2,348	2,377	2,383	2,401	2,401	2,395	2,280
	14	2,493	2,507	2,398	2,399	2,393	2,399	1,864	2,395	2,389	2,370	2,369	2,371	2,380	2,400	2,396	2,333	2,280
	15	2,509	2,523	2,398	2,403	2,395	2,400	1,595	2,396	2,394	2,376	2,375	2,128	2,388	2,402	2,400	2,334	2,281
	16	2,511	2,521	2,399	2,405	2,395	2,403	1,597	2,351	2,397	2,379	2,343	1,569	2,394	2,405	2,406	2,337	2,320
	17	2,443	2,495	2,403	2,400	2,401	2,399	1,593	2,338	2,393	2,383	2,322	1,845	2,392	2,402	2,399	2,333	2,340
	18	2,409	2,410	2,408	2,404	2,404	2,402	1,594	2,306	2,400	2,364	2,302	2,391	2,400	2,405	2,405	2,327	2,346
	19	2,414	2,412	2,411	2,407	2,408	2,404	2,056	2,265	2,403	2,345	2,225	2,406	2,403	2,409	2,407	2,229	2,353
	20	2,410	2,408	2,406	2,396	2,403	2,355	2,348	2,285	2,398	2,341	2,222	2,404	2,402				

JUNE 2015																
CNBE Daily Reports Summary Data																
	Thursday 6/18/2015	Friday 6/19/2015	Saturday 6/20/2015	Sunday 6/21/2015	Monday 6/22/2015	Tuesday 6/23/2015	Wednesday 6/24/2015	Thursday 6/25/2015	Friday 6/26/2015	Saturday 6/27/2015	Sunday 6/28/2015	Monday 6/29/2015	Tuesday 6/30/2015	TOTAL	Biogas	LFG
LFG and Biogas Flow to the Engine	1,297	1,312	1,316	1,288	1,330	1,321	1,328	1,395	1,420	1,425	1,360	1,390	1,367	40,049	2,164	37,885
LFG and Biogas Flow to the Engine (t)	713	717	720	716	726	715	711	744	745	736	731	731	718	21,747	1,533	20,214
LFG and Biogas Flow to the Flare (t)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.0%	93%
LFG and Biogas Flow to the Flare (M)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LFG and Biogas Total Flow (KSCF)	1,297	1,312	1,316	1,288	1,330	1,321	1,328	1,395	1,420	1,425	1,360	1,390	1,367	40,049		
LFG and Biogas Total Flow (MMBT)	713	717	720	716	726	715	711	744	745	736	731	731	718	21,747		
Average Methane Content (%)	54.3	54.1	54.0	54.9	53.9	53.5	52.9	52.7	51.8	51.0	53.1	52.0	51.9	53.7		
Engine 1 Hours	24	24	24	24	24	24	23	24	24	24	24	24	8	703		
Engine 2 Hours	24	24	24	24	24	24	24	24	24	24	24	24	7	582		
Engine 3 Hours	-	-	-	-	12	24	24	24	24	24	24	24	7	581		
Engine 4 Hours	24	24	24	24	14	3	3	2	-	-	-	-	-	262		
Generator 1 Power Output (kWhr)	18,944	19,190	19,198	19,232	19,470	19,742	18,170	19,846	19,858	19,858	19,856	19,856	19,858	584,292		
Generator 2 Power Output (kWhr)	18,750	19,178	19,124	19,394	19,370	19,254	19,472	19,834	19,950	19,324	19,968	19,630	19,138	485,010		
Generator 3 Power Output (kWhr)	-	-	-	-	9,782	19,884	19,678	19,958	19,968	19,966	19,966	19,966	19,970	491,042		
Generator 4 Power Output (kWhr)	19,010	19,324	19,272	19,308	9,756	466	1,190	76	-	-	-	-	-	196,210		
Gross Power Output (kWhr)	56,756	57,755	57,646	57,997	58,411	59,343	58,513	59,716	59,766	59,143	59,784	59,454	58,977	1,756,829		
Net Power Output (kWhr)	54,904	55,800	55,800	56,136	56,440	57,328	56,528	57,736	57,848	57,240	57,960	57,496	56,944	1,698,088		
Power Sold as metered by NStar, (kWhr)	54,725	55,592	55,612	55,944	56,265	57,157	56,366	57,563	57,700	57,092	57,822	57,354	56,765	1,693,225	CRMCB inplant	
Offgrid REC's (kWhr)	1,852	1,956	1,846	1,861	1,971	2,015	1,985	1,980	1,918	1,903	1,824	1,958	2,033	58,740	8,910	15%
Calculated Performance Results																
Daily																
Power output (kW average while operating)																of total in-plant power
Generator 1	789	800	800	801	811	823	790	827	827	827	827	827	2,482			
Generator 2	781	799	797	808	807	802	811	826	831	805	832	818	2,734			
Generator 3	-	-	-	-	815	829	820	832	832	832	832	832	2,853			
Generator 4	792	805	803	805	697	155	397	38	-	-	-	-	-			
Power output (kW average over 24 hours)																
Facility Gross	2,365	2,406	2,402	2,417	2,434	2,473	2,438	2,488	2,490	2,464	2,491	2,477	2,457			
Facility Net	2,288	2,325	2,325	2,339	2,352	2,389	2,355	2,406	2,410	2,385	2,415	2,396	2,373			
In-plant load	77	81	77	78	82	84	83	83	80	79	76	82	85			
Daily availability factor																
Facility	75%	75%	75%	75%	77%	78%	77%	77%	75%	75%	75%	75%	23%			
Engine 1	100%	100%	100%	100%	100%	100%	96%	100%	100%	100%	100%	100%	33%			
Engine 2	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	29%			
Engine 3	0%	0%	0%	0%	50%	100%	100%	100%	100%	100%	100%	100%	29%			
Engine 4	100%	100%	100%	100%	58%	13%	13%	8%	0%	0%	0%	0%	0%			
Daily capacity factor																
Facility	72%	73%	73%	73%	74%	75%	74%	75%	75%	75%	75%	75%	74%			
Engine 1	96%	97%	97%	97%	98%	100%	96%	100%	100%	100%	100%	100%	301%			
Engine 2	95%	97%	97%	98%	98%	97%	98%	100%	101%	98%	101%	99%	331%			
Engine 3	0%	0%	0%	0%	99%	100%	99%	101%	101%	101%	101%	101%	346%			
Engine 4	96%	98%	97%	98%	84%	19%	48%	5%	0%	0%	0%	0%	0%			
Cumulative by engine																
Engine operating run hours in the month																
Max Cumulative Available, (hrs)	432	456	480	504	528	552	576	600	624	648	672	696	720			
Engine 1	432	456	480	504	528	552	575	599	623	647	671	695	703			
Engine 2	311	335	359	383	407	431	455	479	503	527	551	575	582			
Engine 3	394	394	394	394	406	430	454	478	502	526	550	574	581			
Engine 4	168	192	216	240	254	257	260	262	262	262	262	262	262			
Engine operating run hours total																
Engine 1	75,828	75,852	75,876	75,900	75,924	75,948	75,971	75,995	76,019	76,043	76,067	76,091	76,099			
Engine 2	72,435	72,459	72,483	72,507	72,531	72,555	72,579	72,603	72,627	72,651	72,675	72,699	72,706			
Engine 3	75,269	75,269	75,269	75,269	75,281	75,305	75,329	75,353	75,377	75,401	75,425	75,449	75,456			
Engine 4	72,695	72,719	72,743	72,767	72,781	72,784	72,787	72,789	72,789	72,789	72,789	72,789	72,789			
Cumulative availability, %																
Engine 1	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	98%			
Engine 2	72%	73%	75%	76%	77%	78%	79%	80%	81%	82%	83%	84%	81%			
Engine 3	91%	86%	82%	78%	77%	78%	79%	80%	81%	82%	83%	84%	81%			
Engine 4	39%	42%	45%	48%	48%	47%	45%	44%	42%	40%	39%	38%	36%			
Engine cumulative gross output																
Max cumulative capacity on (kWhr)	14,850	15,675	16,500	17,325	18,150	18,975	19,800	20,625	21,450	22,275	23,100	23,925	24,750			
Engine 1	14,590	15,390	16,189	16,991	17,802	18,625	19,415	20,242	21,069	21,896	22,724	23,551	26,033			
Engine 2	11,292	12,091	12,888	13,696	14,503	15,305	16,116	16,943	17,774	18,579	19,411	20,229	22,963			
Engine 3	13,866	13,866	13,866	13,866	14,681	15,509	16,329	17,161	17,993	18,825	19,657	20,489	23,341			
Engine 4	6,688	7,493	8,296	9,101	9,797	9,953	10,349	10,387	10,387	10,387	10,387	10,387	10,387			
Cumulative capacity factor, %																
Engine 1	98%	98%	98%	98%	98%	98%	98%	98%	98%	98%	98%	98%	105%			
Engine 2	76%	77%	78%	79%	80%	81%	81%	82%	83%	84%	85%	86%	93%			
Engine 3	93%	88%	84%	80%	81%	82%	82%	83%	84%	85%	85%	86%	94%			
Engine 4	45%	48%	50%	53%	54%	52%	52%	50%	48%	47%	45%	43%	42%			

	Thursday 6/18/2015	Friday 6/19/2015	Saturday 6/20/2015	Sunday 6/21/2015	Monday 6/22/2015	Tuesday 6/23/2015	Wednesday 6/24/2015	Thursday 6/25/2015	Friday 6/26/2015	Saturday 6/27/2015	Sunday 6/28/2015	Monday 6/29/2015	Tuesday 6/30/2015	TOTAL	Biogas	LFG
Cumulative by Facility in month																
Max cumulative available engine run h	1,728	1,824	1,920	2,016	2,112	2,208	2,304	2,400	2,496	2,592	2,688	2,784	2,880			
Actual cumulative engine run h	1,305	1,377	1,449	1,521	1,595	1,670	1,744	1,818	1,890	1,962	2,034	2,106	2,128			
Cumulative Availability, %	75.5%	75.5%	75.5%	75.4%	75.5%	75.6%	75.7%	75.8%	75.7%	75.7%	75.7%	75.6%	73.9%			
Max cumulative gross output, kWh	1,425,600	1,504,800	1,584,000	1,663,200	1,742,400	1,821,600	1,900,800	1,980,000	2,059,200	2,138,400	2,217,600	2,296,800	2,376,000			
Actual cumulative gross output, kWh	1,050,324	1,108,079	1,165,725	1,223,722	1,282,133	1,341,476	1,399,989	1,459,705	1,519,471	1,578,614	1,638,398	1,697,852	1,756,829			
Cumulative Capacity Factor	73.7%	73.6%	73.6%	73.6%	73.6%	73.6%	73.7%	73.7%	73.7%	73.8%	73.8%	73.9%	73.9%			
Cumulative fuel input, MMBtu H	13,039	13,757	14,476	15,192	15,917	16,632	17,343	18,087	18,831	19,568	20,298	21,029	21,747			
Cumulative gross output, kWh	1,050,324	1,108,079	1,165,725	1,223,722	1,282,133	1,341,476	1,399,989	1,459,705	1,519,471	1,578,614	1,638,398	1,697,852	1,756,829			
Heat Rate																
Daily heat rate, Btu/kWe gross	11,306	11,182	11,237	11,106	11,181	10,843	10,938	11,210	11,217	11,205	11,003	11,065	10,961			
Daily heat rate, Btu/kWe gross	12,559	12,421	12,483	12,337	12,421	12,045	12,151	12,452	12,460	12,448	12,222	12,292	12,176			
Cumulative heat rate, Btu/kWe	11,176	11,176	11,179	11,175	11,176	11,161	11,152	11,154	11,157	11,158	11,153	11,150	11,143			
Cumulative heat rate, Btu/kWe	12,415	12,415	12,418	12,414	12,415	12,398	12,388	12,391	12,393	12,395	12,389	12,386	12,379			
Cumulative by Facility starting 6/18/2015																
Max cumulative available engine run h	15,932	16,028	16,124	16,220	16,316	16,412	16,508	16,604	16,700	16,796	16,892	16,988	17,084			
Actual cumulative engine run h	12,389	12,461	12,533	12,605	12,679	12,754	12,828	12,902	12,974	13,046	13,118	13,190	13,212			
Cumulative Availability, %	77.8%	77.7%	77.7%	77.7%	77.7%	77.7%	77.7%	77.7%	77.7%	77.7%	77.7%	77.7%	77.3%			
Max cumulative gross output, kWh	13,143,900	13,223,100	13,302,300	13,381,500	13,460,700	13,539,900	13,619,100	13,698,300	13,777,500	13,856,700	13,935,900	14,015,100	14,094,300			
Actual cumulative gross output, kWh	9,596,422	9,654,177	9,711,823	9,769,820	9,828,231	9,887,574	9,946,087	10,005,803	10,065,569	10,124,712	10,184,496	10,243,950	10,302,927			
Cumulative Capacity Factor	73.0%	73.0%	73.0%	73.0%	73.0%	73.0%	73.0%	73.0%	73.1%	73.1%	73.1%	73.1%	73.1%			
Cumulative fuel input, MMBtu H	120,664	121,381	122,101	122,817	123,542	124,257	124,968	125,711	126,456	127,192	127,923	128,654	129,372			
Cumulative gross output, kWh	9,596,422	9,654,177	9,711,823	9,769,820	9,828,231	9,887,574	9,946,087	10,005,803	10,065,569	10,124,712	10,184,496	10,243,950	10,302,927			
Cumulative heat rate, Btu/kWe	11,319	11,318	11,318	11,316	11,316	11,313	11,311	11,310	11,309	11,309	11,307	11,306	11,304			
Cumulative heat rate, Btu/kWe	12,574	12,573	12,572	12,571	12,570	12,567	12,565	12,564	12,563	12,563	12,561	12,559	12,557			
Service																
Engine 1																
Engine 2																
Engine 3																
Engine 4																
Oil - oil and filter change																
Service - plugs, air filter, valve insp																
Precipitation																
NSTAR Power Reports																
Date	6/18/2015	6/19/2015	6/20/2015	6/21/2015	6/22/2015	6/23/2015	6/24/2015	6/25/2015	6/26/2015	6/27/2015	6/28/2015	6/29/2015	6/30/2015	TOTAL		
Hour																
1	2,237	2,236	2,351	2,409	2,378	2,350	2,407	2,408	2,410	2,409	2,410	2,411	2,350			
2	2,233	2,232	2,346	2,396	2,346	2,347	2,392	2,404	2,406	2,406	2,407	2,408	2,347			
3	2,235	2,233	2,271	2,348	2,308	2,348	2,346	2,405	2,407	2,406	2,407	2,408	2,348			
4	2,238	2,234	2,234	2,350	2,293	2,350	2,349	2,408	2,410	2,409	2,411	2,411	2,351			
5	2,234	2,231	2,232	2,266	2,285	2,346	2,346	2,404	2,405	2,364	2,407	2,408	2,347			
6	2,235	2,234	2,236	2,288	2,234	2,348	2,349	2,406	2,407	2,349	2,408	2,408	2,349			
7	2,239	2,236	2,237	2,292	2,236	2,350	2,325	2,407	2,410	2,351	2,412	2,412	2,351			
8	2,234	2,231	2,232	2,289	2,230	2,342	2,284	2,363	2,405	2,346	2,409	2,407	2,345			
9	2,229	2,228	2,231	2,289	2,223	2,336	2,262	2,340	2,402	2,343	2,410	2,382	2,337			
10	2,265	2,295	2,233	2,236	2,387	2,336	2,239	2,383	2,401	2,346	2,413	2,400	2,336			
11	2,325	2,336	2,228	2,233	2,379	2,354	1,610	2,388	2,404	2,340	2,409	2,396	2,330			
12	2,336	2,336	2,229	2,247	1,997	2,385	2,362	2,422	2,403	2,341	2,409	2,394	2,330			
13	2,338	2,256	2,231	2,398	2,347	2,391	2,400	2,395	2,402	2,344	2,411	2,398	2,332			
14	2,339	2,345	2,301	2,405	2,474	2,450	2,394	2,392	2,398	2,342	2,408	2,394	2,328			
15	2,341	2,393	2,397	2,408	2,421	2,475	2,576	2,395	2,401	2,342	2,408	2,395	2,385			
16	2,345	2,398	2,404	2,409	2,509	2,413	2,488	2,400	2,402	2,400	2,411	2,397	2,391			
17	2,345	2,391	2,405	2,405	2,415	2,399	2,399	2,400	2,402	2,405	2,408	2,400	2,387			
18	2,348	2,397	2,408	2,404	2,400	2,404	2,401	2,403	2,403	2,406	2,409	2,401	2,394			
19	2,325	2,401	2,411	2,378	2,404	2,409	2,406	2,408	2,406	2,409	2,413	2,390	2,403			
20	2,261	2,396	2,407	2,346	2,402	2,405	2,403	2,404	2,403	2,406	2,408	2,345	2,402			
21	2,292	2,344	2,363	2,251	2,405	2,405	2,405	2,405	2,388	2,406	2,408	2,347	2,403			
22	2,285	2,405	2,411	2,235	2,408	2,407	2,410	2,407	2,412	2,408	2,411	2,349	2,406			
23	2,232	2,401	2,406	2,254	2,404	2,403	2,405	2,408	2,406	2,406	2,407	2,346	2,406			
24	2,234	2,403	2,408	2,408	2,380	2,404	2,408	2,408	2,407	2,407	2,408	2,347	2,407			
TOTAL	54,725	55,592	55,612	55,944	56,265	57,157	56,366	57,563	57,700	57,092	57,822	57,354	56,765			
Cumulative Output Sold, kWh	1,011,993	1,067,585	1,123,197	1,179,141	1,235,406	1,292,563	1,348,929	1,406,492	1,464,192	1,521,284	1,579,106	1,636,460	1,693,225			
Transformer and line efficient	99.7%	99.6%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.8%	99.8%	99.7%	0.0%		
Hourly average	2,280	2,316	2,317	2,331	2,344	2,382	2,349	2,398	2,404	2,379	2,409	2,390	2,365	2,352		

JULY 2015																		
CNBE Daily Reports Summary Data																		
		Wednesday 7/1/2015	Thursday 7/2/2015	Friday 7/3/2015	Saturday 7/4/2015	Sunday 7/5/2015	Monday 7/6/2015	Tuesday 7/7/2015	Wednesday 7/8/2015	Thursday 7/9/2015	Friday 7/10/2015	Saturday 7/11/2015	Sunday 7/12/2015	Monday 7/13/2015	Tuesday 7/14/2015	Wednesday 7/15/2015	Thursday 7/16/2015	Friday 7/17/2015
LFG and Biogas Flow to the Engines (KSCF)		1,289	1,254	1,349	1,356	1,370	1,370	1,344	1,260	1,343	1,340	1,297	1,323	1,330	1,290	1,257	867	1,235
LFG and Biogas Flow to the Engines (MMBTU U)		706	682	737	738	740	739	747	717	766	762	733	744	761	737	701	492	700
LFG and Biogas Flow to the Flare (KSCF)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LFG and Biogas Flow to the Flare (MMBTU HHV)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LFG and Biogas Total Flow (KSCF)		1,289	1,254	1,349	1,356	1,370	1,370	1,344	1,260	1,343	1,340	1,297	1,323	1,330	1,290	1,257	867	1,235
LFG and Biogas Total Flow (MMBTU HHV)		706	682	737	738	740	739	747	717	766	762	733	744	761	737	701	492	700
Average Methane Content (%)		54.1	53.7	54.0	53.8	53.3	53.3	54.9	56.2	56.4	56.2	55.8	55.6	56.5	56.5	55.1	56.0	56.0
Engine 1 Hours		24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	17	23
Engine 2 Hours		24	24	24	24	24	24	24	24	24	24	21	24	24	24	24	17	23
Engine 3 Hours		24	24	24	24	24	24	24	24	24	24	24	24	21	20	14	-	15
Engine 4 Hours		-	2	-	-	-	-	-	-	2	-	-	-	3	4	5	16	10
Generator 1 Power Output (kWhr)		19,860	19,596	19,856	19,860	19,860	19,856	19,860	19,862	19,840	19,858	19,856	19,854	19,860	19,790	19,856	13,478	18,716
Generator 2 Power Output (kWhr)		19,964	19,528	19,964	19,968	19,968	19,964	19,966	19,968	19,942	19,968	16,774	19,854	19,854	19,870	19,942	13,496	18,814
Generator 3 Power Output (kWhr)		19,970	19,704	19,966	19,970	19,972	19,968	19,970	19,974	19,950	19,970	19,970	19,964	17,106	16,248	11,672	-	10,952
Generator 4 Power Output (kWhr)		-	474	-	-	-	-	-	-	436	-	-	-	648	1,118	3,918	12,246	6,814
Gross Power Output (kWhr)		59,788	59,296	59,796	59,787	59,792	59,786	59,798	59,805	60,174	59,782	56,585	59,680	57,470	57,032	55,416	39,550	55,362
Net Power Output (kWhr)		57,840	57,360	57,944	57,976	57,888	57,792	57,816	57,832	58,272	57,872	54,688	57,656	55,504	55,120	53,504	37,976	53,504
Power Sold as metered by NStar, (kWhr)		57,681	57,191	57,772	57,820	57,717	57,628	57,640	57,646	58,088	57,713	54,541	57,489	55,350	54,972	53,354	37,913	53,354
Offgrid RECs (kWhr)		1,948	1,936	1,852	1,810	1,904	1,994	1,983	1,973	1,902	1,911	1,897	2,024	1,966	1,912	1,912	1,574	1,858
Calculated Performance Results																		
Daily																		
Power output (kW average when running)																		
Generator 1		828	817	827	828	828	827	828	828	827	827	827	827	828	825	827	793	814
Generator 2		832	814	832	832	832	832	832	832	831	832	799	827	827	828	831	794	818
Generator 3		832	821	832	832	832	832	832	832	831	832	832	832	815	812	834	-	730
Generator 4		-	237	-	-	-	-	-	-	218	-	-	-	216	280	784	765	681
Power output (kW average over 24-hrs)																		
Facility Gross		2,491	2,471	2,492	2,491	2,491	2,491	2,492	2,492	2,507	2,491	2,358	2,487	2,395	2,376	2,309	1,648	2,307
Facility Net		2,410	2,390	2,414	2,416	2,412	2,408	2,409	2,410	2,428	2,411	2,279	2,402	2,313	2,297	2,229	1,582	2,229
In-plant load		81	81	77	75	79	83	83	82	79	80	79	84	82	80	80	66	77
Daily availability factor																		
Facility		75%	77%	75%	75%	75%	75%	75%	75%	77%	75%	72%	75%	75%	75%	70%	52%	74%
Engine 1		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	71%	96%
Engine 2		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	88%	100%	100%	100%	100%	71%	96%
Engine 3		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	88%	83%	58%	0%	63%
Engine 4		0%	8%	0%	0%	0%	0%	0%	0%	8%	0%	0%	0%	13%	17%	21%	67%	42%
Daily capacity factor																		
Facility		75%	75%	76%	75%	75%	75%	76%	76%	76%	75%	71%	75%	73%	72%	70%	50%	70%
Engine 1		100%	99%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	96%	99%
Engine 2		101%	99%	101%	101%	101%	101%	101%	101%	101%	101%	97%	100%	100%	100%	101%	96%	99%
Engine 3		101%	100%	101%	101%	101%	101%	101%	101%	101%	101%	101%	101%	99%	98%	101%	0%	89%
Engine 4		0%	29%	0%	0%	0%	0%	0%	0%	26%	0%	0%	0%	26%	34%	95%	93%	83%
Cumulative by engine																		
Engine operating run hours in the month																		
Max Cumulative Available, hours		24	48	72	96	120	144	168	192	216	240	264	288	312	336	360	384	408
Engine 1		24	48	72	96	120	144	168	192	216	240	264	288	312	336	360	377	400
Engine 2		24	48	72	96	120	144	168	192	216	240	261	285	309	333	357	374	397
Engine 3		24	48	72	96	120	144	168	192	216	240	264	288	309	329	343	343	358
Engine 4		0	2	2	2	2	2	2	2	4	4	4	4	7	11	16	32	42
Engine operating run hours total from 0 hours																		
Engine 1		76,115	76,139	76,163	76,187	76,211	76,235	76,259	76,283	76,307	76,331	76,355	76,379	76,403	76,427	76,451	76,475	76,515
Engine 2		72,722	72,746	72,770	72,794	72,818	72,842	72,866	72,890	72,914	72,938	72,962	72,986	73,010	73,034	73,058	73,082	73,119
Engine 3		75,474	75,498	75,522	75,546	75,570	75,594	75,618	75,642	75,666	75,690	75,714	75,738	75,762	75,786	75,810	75,834	75,872
Engine 4		72,789	72,789	72,791	72,791	72,791	72,791	72,791	72,791	72,791	72,793	72,793	72,793	72,793	72,796	72,800	72,821	72,831
Cumulative availability, %																		
Engine 1		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	98%	98%
Engine 2		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99%	99%	99%	99%	99%	97%	97%
Engine 3		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99%	98%	95%	89%	88%
Engine 4		0%	4%	3%	2%	2%	1%	1%	1%	2%	2%	2%	1%	2%	3%	4%	8%	10%
Engine cumulative gross output, kWhr																		
Max cumulative capacity one engine		825	1,650	2,475	3,300	4,125	4,950	5,775	6,600	7,425	8,250	9,075	9,900	10,725	11,550	12,375	13,200	14,025
Engine 1		828	1,644	2,471	3,299	4,126	4,954	5,781	6,609	7,435	8,263	9,090	9,917	10,745	11,570	12,397	13,190	14,003
Engine 2		832	1,646	2,477	3,309	4,141	4,973	5,805	6,637	7,468	8,300	9,099	9,926	10,753	11,581	12,412	13,206	14,024
Engine 3		832	1,653	2,485	3,317	4,149	4,981	5,813	6,646	7,477	8,309	9,141	9,973	10,787	11,600	12,434	13,243	14,064
Engine 4		-	237	237	237	237	237	237	237	455	455	455	455	671	951	1,734	2,499	3,181
Cumulative capacity factor, %																		
Engine 1		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Engine 2		101%	100%	100%	100%	100%	100%	101%	101%	101%	101%	100%	100%	100%	100%	100%	100%	100%
Engine 3		101%	100%	100%	101%	101%	101%	101%	101%	101%	101%	101%	101%	101%	100%	100%	94%	94%
Engine 4		0%	14%	10%	7%	6%	5%	4%	4%	6%	6%	5%	5%	6%	8%	14%	19%	23%

		Wednesday 7/1/2015	Thursday 7/2/2015	Friday 7/3/2015	Saturday 7/4/2015	Sunday 7/5/2015	Monday 7/6/2015	Tuesday 7/7/2015	Wednesday 7/8/2015	Thursday 7/9/2015	Friday 7/10/2015	Saturday 7/11/2015	Sunday 7/12/2015	Monday 7/13/2015	Tuesday 7/14/2015	Wednesday 7/15/2015	Thursday 7/16/2015	Friday 7/17/2015
Cumulative by Facility in month																		
Max cumulative available engine run hours		96	192	288	384	480	576	672	768	864	960	1,056	1,152	1,248	1,344	1,440	1,536	1,632
Actual cumulative engine run hours		72	146	218	290	362	434	506	578	652	724	793	865	937	1,009	1,076	1,126	1,197
Cumulative Availability, %		75.0%	76.0%	75.7%	75.5%	75.4%	75.3%	75.3%	75.3%	75.5%	75.4%	75.1%	75.1%	75.1%	75.1%	74.7%	73.3%	73.3%
Max cumulative gross output, kWhr		79,200	158,400	237,600	316,800	396,000	475,200	554,400	633,600	712,800	792,000	871,200	950,400	1,029,600	1,108,800	1,188,000	1,267,200	1,346,400
Actual cumulative gross output, kWhr		59,788	119,084	178,880	238,667	298,459	358,245	418,043	477,848	538,022	597,804	654,389	714,069	771,539	828,571	883,987	923,537	978,899
Cumulative Capacity Factor		75.5%	75.2%	75.3%	75.3%	75.4%	75.4%	75.4%	75.4%	75.5%	75.5%	75.1%	75.1%	74.9%	74.7%	74.4%	72.9%	72.7%
Cumulative fuel input, MMBtu HHV		706	1,388	2,124	2,862	3,602	4,342	5,088	5,805	6,571	7,333	8,065	8,809	9,570	10,307	11,009	11,500	12,200
Cumulative gross output, kWhr		59,788	119,084	178,880	238,667	298,459	358,245	418,043	477,848	538,022	597,804	654,389	714,069	771,539	828,571	883,987	923,537	978,899
Heat Rate																		
Daily heat rate, Btu/kWe gross LHV		10,630	10,351	11,089	11,112	11,140	11,130	11,242	10,786	11,459	11,473	11,653	11,224	11,917	11,636	11,391	11,187	11,382
Daily heat rate, Btu/kWe gross HHV		11,808	11,498	12,319	12,344	12,375	12,364	12,489	11,982	12,730	12,745	12,945	12,468	13,238	12,926	12,653	12,427	12,644
Cumulative heat rate, Btu/kWe gross LHV		10,630	10,491	10,691	10,796	10,865	10,909	10,957	10,936	10,994	11,042	11,095	11,106	11,166	11,198	11,210	11,209	11,219
Cumulative heat rate, Btu/kWe gross HHV		11,808	11,654	11,876	11,993	12,070	12,119	12,172	12,148	12,213	12,266	12,325	12,337	12,404	12,440	12,453	12,452	12,463
Cumulative by Facility starting Calendar Year																		
Max cumulative available engine run hours		17,180	17,276	17,372	17,468	17,564	17,660	17,756	17,852	17,948	18,044	18,140	18,236	18,332	18,428	18,524	18,620	18,716
Actual cumulative engine run hours		13,284	13,358	13,430	13,502	13,574	13,646	13,718	13,790	13,864	13,936	14,005	14,077	14,149	14,221	14,288	14,338	14,409
Cumulative Availability, %		77.3%	77.3%	77.3%	77.3%	77.3%	77.3%	77.3%	77.2%	77.2%	77.2%	77.2%	77.2%	77.2%	77.2%	77.1%	77.0%	77.0%
Max cumulative gross output, kWhr		14,173,500	14,252,700	14,331,900	14,411,100	14,490,300	14,569,500	14,648,700	14,727,900	14,807,100	14,886,300	14,965,500	15,044,700	15,123,900	15,203,100	15,282,300	15,361,500	15,440,700
Actual cumulative gross output, kWhr		10,362,715	10,422,011	10,481,807	10,541,594	10,601,386	10,661,172	10,720,970	10,780,775	10,840,949	10,900,731	10,957,316	11,016,996	11,074,466	11,131,498	11,186,914	11,226,464	11,281,826
Cumulative Capacity Factor		73.1%	73.1%	73.1%	73.1%	73.2%	73.2%	73.2%	73.2%	73.2%	73.2%	73.2%	73.2%	73.2%	73.2%	73.2%	73.1%	73.1%
Cumulative fuel input, MMBtu HHV		130,078	130,760	131,496	132,234	132,974	133,713	134,460	135,177	135,943	136,705	137,437	138,181	138,942	139,679	140,381	140,872	141,572
Cumulative gross output, kWhr		10,362,715	10,422,011	10,481,807	10,541,594	10,601,386	10,661,172	10,720,970	10,780,775	10,840,949	10,900,731	10,957,316	11,016,996	11,074,466	11,131,498	11,186,914	11,226,464	11,281,826
Cumulative heat rate, Btu/kWe gross LHV		11,300	11,294	11,293	11,292	11,291	11,290	11,290	11,287	11,288	11,289	11,291	11,291	11,294	11,296	11,296	11,296	11,296
Cumulative heat rate, Btu/kWe gross HHV		12,552	12,547	12,545	12,544	12,543	12,542	12,542	12,539	12,540	12,541	12,543	12,543	12,546	12,548	12,549	12,548	12,549
Service																		
Engine 1																		High Exh T shutdown
Engine 2							PP Returns						Reverse power shutdown					Facility callout failed
Engine 3															Trip	Trip	Trip	Bad EIS Module
Engine 4			TV tuning															
Oil - oil and filter change																		Ray to get cell photo
Service - plugs, air filter, valve inspection and adjustment																		Rob Rosen/Ray de
Precipitation																		
NSTAR Power Reports																		
Date		7/1/2015	7/2/2015	7/3/2015	7/4/2015	7/5/2015	7/6/2015	7/7/2015	7/8/2015	7/9/2015	7/10/2015	7/11/2015	7/12/2015	7/13/2015	7/14/2015	7/15/2015	7/16/2015	7/17/2015
Hour																		
1		2,410	2,408	2,413	2,412	2,414	2,410	2,412	2,407	2,410	2,414	2,405	2,405	2,403	2,407	2,393	2,276	2,414
2		2,406	2,405	2,409	2,410	2,411	2,408	2,409	2,404	2,409	2,411	2,411	2,409	2,408	2,411	2,398	-	643
3		2,406	2,406	2,410	2,409	2,411	2,407	2,408	2,406	2,408	2,409	2,409	2,407	2,407	2,411	2,397	-	725
4		2,409	2,409	2,413	2,414	2,413	2,411	2,412	2,410	2,411	2,412	2,407	2,404	2,405	2,408	2,395	-	2,090
5		2,406	2,406	2,411	2,410	2,411	2,409	2,408	2,407	2,409	2,411	2,411	2,409	2,205	1,687	2,399	-	2,388
6		2,408	2,408	2,412	2,411	2,411	2,409	2,408	2,406	2,409	2,409	2,410	2,407	1,600	1,603	2,398	-	2,390
7		2,410	2,363	2,414	2,413	2,413	2,411	2,410	2,410	2,412	2,413	2,406	2,403	1,598	1,598	2,394	-	2,386
8		2,404	2,346	2,404	2,409	2,406	2,406	2,404	2,403	2,408	2,410	2,407	2,405	1,622	1,601	2,397	-	2,383
9		2,402	2,343	2,402	2,407	2,402	2,398	2,398	2,394	2,402	2,402	2,401	2,373	2,222	2,186	2,388	788	2,374
10		2,401	2,381	2,407	2,408	2,403	2,394	2,393	2,394	2,402	2,398	2,371	2,337	2,395	2,761	2,381	1,652	2,340
11		2,397	2,395	2,405	2,405	2,397	2,389	2,394	2,394	2,567	2,397	2,342	2,368	2,393	2,709	2,385	1,954	2,279
12		2,398	2,390	2,404	2,398	2,391	2,388	2,395	2,392	2,583	2,399	2,338	2,390	2,390	2,509	2,383	2,405	2,105
13		2,400	2,396	2,407	2,406	2,405	2,393	2,395	2,398	2,399	2,398	2,335	2,391	2,511	2,380	2,381	2,403	2,391
14		2,395	1,722	2,402	2,408	2,401	2,391	2,391	2,396	2,393	2,397	2,335	2,397	2,572	2,385	2,386	2,407	2,399
15		2,394	2,394	2,401	2,406	2,398	2,387	2,391	2,392	2,397	2,397	2,345	2,394	2,526	2,384	1,761	2,408	2,400
16		2,399	2,675	2,403	2,410	2,400	2,391	2,395	2,395	2,406	2,396	2,388	2,391	2,453	2,382	1,768	2,405	2,394
17		2,400	2,481	2,401	2,408	2,398	2,394	2,397	2,401	2,403	2,404	2,398	2,395	2,397	2,388	1,591	2,411	2,404
18		2,402	2,405	2,402	2,407	2,398	2,397	2,398	2,402	2,403	2,404	1,905	2,395	2,401	2,390	1,594	2,408	2,404
19		2,407	2,410	2,407	2,411	2,405	2,402	2,404	2,405	2,409	2,401	1,593	2,392	2,400	2,389	1,591	2,395	2,403
20		2,404	2,408	2,404	2,409	2,403	2,402	2,402	2,403	2,408	2,406	1,599	2,401	2,407	2,394	2,067	2,388	2,409
21		2,405	2,409	2,408	2,410	2,404	2,402	2,401	2,402	2,407	2,405	1,778	2,403	2,408	2,395	2,346	2,385	2,408
22		2,409	2,411	2,413	2,414	2,406	2,413	2,407	2,411	2,413	2,401	2,336	2,400	2,405	2,395	2,392	2,391	2,402
23		2,404	2,410	2,410	2,414	2,408	2,408	2,404	2,408	2,410	2,411	2,404	2,406	2,413	2,400	2,395	2,419	2,412
24		2,405	2,410	2,410	2,411	2,408	2,408	2,404	2,406	2,410	2,408	2,407	2,407	2,409	2,399	2,374	2,418	2,411
TOTAL		57,681	57,191	57,772	57,820	57,717	57,628	57,640	57,646	58,088	57,713	54,541	57,489	55,350	54,972	53,354	37,913	53,354
Cumulative Output Sold, kWhr		57,681	114,872	172,644	230,464	288,181	345,809	403,449	461,095	519,183	576,896	631,437	688,926	744,276	799,248	852,602	890,515	943,869
Transformer and line efficiency		99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.8%	99.7%
Hourly average		2,403	2,383	2,407	2,409	2,405	2,401	2,402	2,402	2,420	2,405	2,273	2,395	2,306	2,291	2,223	1,580	2,223

JULY 2015																	
CNBE Daily Reports Summary Data																	
	Saturday 7/18/2015	Sunday 7/19/2015	Monday 7/20/2015	Tuesday 7/21/2015	Wednesday 7/22/2015	Thursday 7/23/2015	Friday 7/24/2015	Saturday 7/25/2015	Sunday 7/26/2015	Monday 7/27/2015	Tuesday 7/28/2015	Wednesday 7/29/2015	Thursday 7/30/2015	Friday 7/31/2015	TOTAL	Biogas	LFG
LFG and Biogas Flow to the Engine	1,385	1,284	1,378	1,379	1,385	1,344	1,394	1,387	1,361	1,305	1,417	1,471	1,451	1,451	41,267	3,018	38,249
LFG and Biogas Flow to the Engine (t)	768	715	768	777	779	754	757	749	742	732	787	793	781	781	22,883	2,136	20,746
LFG and Biogas Flow to the Flare (t)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.3%	91%
LFG and Biogas Flow to the Flare (M)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
LFG and Biogas Total Flow (KSCF)	1,385	1,284	1,378	1,379	1,385	1,344	1,394	1,387	1,361	1,305	1,417	1,471	1,451	1,451	41,267		
LFG and Biogas Total Flow (MMBTU)	768	715	768	777	779	754	757	749	742	732	787	793	781	781	22,883		
Average Methane Content (%)	54.8	55.0	55.1	55.7	55.6	55.5	53.6	53.3	53.9	55.4	54.9	53.3	53.2	53.2	54.8		
Engine 1 Hours	24	24	24	24	24	24	24	24	24	24	23	24	24	24	735		
Engine 2 Hours	24	24	24	24	24	23	24	24	24	24	24	24	24	24	732		
Engine 3 Hours	24	24	24	24	24	24	24	24	23	24	24	24	24	24	693		
Engine 4 Hours	-	-	-	-	-	3	-	-	-	-	15	24	24	16	124		
Generator 1 Power Output (kW/hr)	19,858	19,858	19,782	19,856	19,858	19,810	19,854	19,752	19,828	19,856	17,326	15,532	15,634	16,816	593,338		
Generator 2 Power Output (kW/hr)	19,966	19,968	19,954	19,970	19,968	18,710	19,970	19,968	19,970	19,972	17,938	15,432	15,186	16,672	591,448		
Generator 3 Power Output (kW/hr)	19,976	19,974	19,998	19,976	19,976	19,928	19,974	19,938	19,972	19,972	17,448	16,172	15,792	16,920	560,124		
Generator 4 Power Output (kW/hr)	-	-	-	-	-	1,178	-	-	-	-	10,068	16,150	15,758	10,294	79,102		
Gross Power Output (kW/hr)	59,796	59,821	59,662	59,823	59,807	59,637	59,812	59,286	59,049	59,806	62,763	63,282	62,093	60,690	1,824,226		
Net Power Output (kW/hr)	57,872	57,784	57,512	57,736	57,792	57,600	57,808	57,344	57,104	57,848	60,680	61,032	59,850	58,496	1,763,002		
Power Sold as metered by NStar, (kWh)	57,713	57,594	57,320	57,550	57,610	57,425	57,631	57,164	56,958	57,685	60,490	60,807	59,645	58,292	1,757,753	CRMCB inplant	
Offgrid RECs (kW/hr)	1,924	2,037	2,150	2,087	2,015	2,037	2,004	1,942	1,945	1,958	2,083	2,250	2,243	2,194	61,225	8,714	
Calculated Performance Results																	14%
Daily																	of total in-plant power
Power output (kW average whr)																	
Generator 1	827	827	824	827	827	825	827	823	826	827	753	647	651	701			
Generator 2	832	832	831	832	832	813	832	832	832	832	747	643	633	695			
Generator 3	832	832	829	832	832	830	832	814	837	832	727	674	658	705			
Generator 4	-	-	-	-	-	393	-	-	-	-	671	673	657	643			
Power output (kW average over)																	
Facility Gross	2,492	2,493	2,486	2,493	2,492	2,485	2,492	2,470	2,460	2,492	2,615	2,637	2,587	2,529			
Facility Net	2,411	2,408	2,396	2,406	2,408	2,400	2,409	2,389	2,379	2,410	2,528	2,543	2,494	2,437			
In-plant load	80	85	90	87	84	85	84	81	81	82	87	94	93	91			
Daily availability factor																	
Facility	75%	75%	75%	75%	75%	77%	75%	75%	74%	75%	90%	100%	100%	92%			
Engine 1	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	96%	100%	100%	100%			
Engine 2	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%			
Engine 3	100%	100%	100%	100%	100%	100%	100%	100%	96%	100%	100%	100%	100%	100%			
Engine 4	0%	0%	0%	0%	0%	13%	0%	0%	0%	0%	63%	100%	100%	67%			
Daily capacity factor																	
Facility	76%	76%	75%	76%	76%	75%	76%	75%	75%	76%	79%	80%	78%	77%			
Engine 1	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	91%	78%	79%	85%			
Engine 2	101%	101%	101%	101%	101%	99%	101%	101%	101%	101%	91%	78%	77%	84%			
Engine 3	101%	101%	100%	101%	101%	101%	101%	99%	101%	101%	88%	82%	80%	85%			
Engine 4	0%	0%	0%	0%	0%	48%	0%	0%	0%	0%	81%	82%	80%	78%			
Cumulative by engine																	
Engine operating run hours in th																	
Max Cumulative Available,	432	456	480	504	528	552	576	600	624	648	672	696	720	720			
Engine 1	424	448	472	496	520	544	568	592	616	640	663	687	711	711			
Engine 2	421	445	469	493	517	540	564	588	612	636	660	684	708	708			
Engine 3	382	406	430	454	478	502	526	550	573	597	621	645	669	669			
Engine 4	42	42	42	42	42	45	45	45	45	45	60	84	108	100			
Engine operating run hours total																	
Engine 1	76,539	76,563	76,587	76,611	76,635	76,659	76,683	76,707	76,731	76,755	76,778	76,802	76,826	76,826			
Engine 2	73,143	73,167	73,191	73,215	73,239	73,262	73,286	73,310	73,334	73,358	73,382	73,406	73,430	73,430			
Engine 3	75,856	75,880	75,904	75,928	75,952	75,976	76,000	76,024	76,047	76,071	76,095	76,119	76,143	76,143			
Engine 4	72,831	72,831	72,831	72,831	72,831	72,834	72,834	72,834	72,834	72,834	72,849	72,873	72,897	72,889			
Cumulative availability, %																	
Engine 1	98%	98%	98%	98%	98%	99%	99%	99%	99%	99%	99%	99%	99%	99%			
Engine 2	97%	98%	98%	98%	98%	98%	98%	98%	98%	98%	98%	98%	98%	98%			
Engine 3	88%	89%	90%	90%	91%	91%	91%	92%	92%	92%	92%	93%	93%	93%			
Engine 4	10%	9%	9%	8%	8%	8%	8%	8%	7%	7%	9%	12%	15%	14%			
Engine cumulative gross output																	
Max cumulative capacity on	14,850	15,675	16,500	17,325	18,150	18,975	19,800	20,625	21,450	22,275	23,100	23,925	24,750	24,750			
Engine 1	14,831	15,658	16,482	17,310	18,137	18,963	19,790	20,613	21,439	22,266	23,020	23,667	24,318	24,368			
Engine 2	14,856	15,688	16,519	17,351	18,183	18,997	19,829	20,661	21,493	22,325	23,073	23,716	24,348	24,410			
Engine 3	13,996	14,828	15,657	16,490	17,322	18,152	18,985	19,799	20,636	21,468	22,195	22,869	23,527	23,574			
Engine 4	3,181	3,181	3,181	3,181	3,181	3,574	3,574	3,574	3,574	3,574	4,245	4,918	5,574	5,561			
Cumulative capacity factor, %																	
Engine 1	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99%	98%	98%			
Engine 2	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99%	98%	99%			
Engine 3	94%	95%	95%	95%	95%	96%	96%	96%	96%	96%	96%	96%	95%	95%			
Engine 4	21%	20%	19%	18%	18%	19%	18%	17%	17%	16%	18%	21%	23%	22%			

	Saturday 7/18/2015	Sunday 7/19/2015	Monday 7/20/2015	Tuesday 7/21/2015	Wednesday 7/22/2015	Thursday 7/23/2015	Friday 7/24/2015	Saturday 7/25/2015	Sunday 7/26/2015	Monday 7/27/2015	Tuesday 7/28/2015	Wednesday 7/29/2015	Thursday 7/30/2015	Friday 7/31/2015	TOTAL	Biogas	LFG
Cumulative by Facility in month																	
Max cumulative available engine run hours	1,728	1,824	1,920	2,016	2,112	2,208	2,304	2,400	2,496	2,592	2,688	2,784	2,880	2,880			
Actual cumulative engine run hours	1,269	1,341	1,413	1,485	1,557	1,631	1,703	1,775	1,846	1,918	2,004	2,100	2,196	2,188			
Cumulative Availability, %	73.4%	73.5%	73.6%	73.7%	73.7%	73.9%	73.9%	74.0%	74.0%	74.0%	74.6%	75.4%	76.3%	76.0%			
Max cumulative gross output, kWh	1,425,600	1,504,800	1,584,000	1,663,200	1,742,400	1,821,600	1,900,800	1,980,000	2,059,200	2,138,400	2,217,600	2,296,800	2,376,000	2,376,000			
Actual cumulative gross output, kWh	1,038,695	1,098,516	1,158,178	1,218,001	1,277,808	1,337,445	1,397,257	1,456,543	1,515,592	1,575,398	1,638,161	1,701,443	1,763,536	1,762,133			
Cumulative Capacity Factor	72.9%	73.0%	73.1%	73.2%	73.3%	73.4%	73.5%	73.6%	73.6%	73.7%	73.9%	74.1%	74.2%	74.2%			
Cumulative fuel input, MMBtu	12,968	13,683	14,451	15,228	16,008	16,762	17,518	18,267	19,009	19,741	20,528	21,321	22,102	22,102			
Cumulative gross output, kWh	1,038,695	1,098,516	1,158,178	1,218,001	1,277,808	1,337,445	1,397,257	1,456,543	1,515,592	1,575,398	1,638,161	1,701,443	1,763,536	1,762,133			
Heat Rate																	
Daily heat rate, Btu/kWe gross	11,562	10,759	11,591	11,694	11,728	11,383	11,390	11,368	11,311	11,021	11,282	11,279	11,320	11,584			
Daily heat rate, Btu/kWe gross	12,844	11,952	12,876	12,990	13,029	12,645	12,652	12,629	12,566	12,243	12,533	12,530	12,575	12,869			
Cumulative heat rate, Btu/kWe	11,239	11,213	11,232	11,255	11,277	11,282	11,286	11,290	11,291	11,280	11,280	11,280	11,282	11,291			
Cumulative heat rate, Btu/kWe	12,485	12,456	12,478	12,503	12,527	12,533	12,538	12,541	12,542	12,531	12,531	12,531	12,533	12,543			
Cumulative by Facility starting 7/1/2015																	
Max cumulative available engine run hours	18,812	18,908	19,004	19,100	19,196	19,292	19,388	19,484	19,580	19,676	19,772	19,868	19,964	19,964			
Actual cumulative engine run hours	14,481	14,553	14,625	14,697	14,769	14,843	14,915	14,987	15,058	15,130	15,216	15,312	15,408	15,400			
Cumulative Availability, %	77.0%	77.0%	77.0%	76.9%	76.9%	76.9%	76.9%	76.9%	76.9%	76.9%	77.0%	77.1%	77.2%	77.1%			
Max cumulative gross output, kWh	15,519,900	15,599,100	15,678,300	15,757,500	15,836,700	15,915,900	15,995,100	16,074,300	16,153,500	16,232,700	16,311,900	16,391,100	16,470,300	16,470,300			
Actual cumulative gross output, kWh	11,341,622	11,401,443	11,461,105	11,520,928	11,580,735	11,640,372	11,700,184	11,759,470	11,818,519	11,878,325	11,941,088	12,004,370	12,066,463	12,065,060			
Cumulative Capacity Factor	73.1%	73.1%	73.1%	73.1%	73.1%	73.1%	73.1%	73.2%	73.2%	73.2%	73.2%	73.2%	73.3%	73.3%			
Cumulative fuel input, MMBtu	142,340	143,055	143,823	144,600	145,380	146,134	146,890	147,639	148,381	149,113	149,900	150,693	151,474	151,474			
Cumulative gross output, kWh	11,341,622	11,401,443	11,461,105	11,520,928	11,580,735	11,640,372	11,700,184	11,759,470	11,818,519	11,878,325	11,941,088	12,004,370	12,066,463	12,065,060			
Cumulative heat rate, Btu/kWe	11,298	11,295	11,296	11,298	11,301	11,301	11,302	11,302	11,302	11,301	11,300	11,300	11,300	11,302			
Cumulative heat rate, Btu/kWe	12,550	12,547	12,549	12,551	12,554	12,554	12,555	12,555	12,555	12,553	12,553	12,553	12,553	12,555			
Service																	
Engine 1																	
Engine 2																	
Engine 3		AD broken valve	Repaired														
Engine 4																	
Oil - oil and filter change																	
Service - plugs, air filter, valve inspection																	
Precipitation																	
NSTAR Power Reports																	
Date	7/18/2015	7/19/2015	7/20/2015	7/21/2015	7/22/2015	7/23/2015	7/24/2015	7/25/2015	7/26/2015	7/27/2015	7/28/2015	7/29/2015	7/30/2015	7/31/2015	TOTAL		
Hour																	
1	2,406	2,403	2,399	2,401	2,403	2,404	2,403	2,405	2,403	2,401	2,407	2,546	2,547	2,491			
2	2,411	2,408	2,403	2,406	2,408	2,410	2,409	2,410	2,409	2,407	2,412	2,552	2,552	2,497			
3	2,409	2,406	2,403	2,405	2,408	2,408	2,409	2,408	2,408	2,405	2,411	2,552	2,551	2,497			
4	2,405	2,401	2,399	2,402	2,404	2,405	2,405	2,404	2,404	2,401	2,406	2,548	2,546	2,492			
5	2,410	2,406	2,405	2,407	2,410	2,410	2,411	2,409	2,409	2,408	2,412	2,553	2,552	2,497			
6	2,408	2,405	2,403	2,407	2,410	2,410	2,410	2,408	2,407	2,406	2,411	2,551	2,552	2,487			
7	2,406	2,402	2,399	2,403	2,405	2,405	2,405	2,379	2,402	2,402	2,408	2,547	2,547	2,437			
8	2,410	2,407	2,403	2,408	2,408	2,407	2,404	2,328	2,406	2,408	2,414	2,551	2,552	2,397			
9	2,407	2,404	2,394	2,396	2,400	2,398	2,394	2,347	2,348	2,404	2,408	2,504	2,543	2,388			
10	2,403	2,397	2,384	2,386	2,388	2,383	2,387	2,343	2,337	2,391	2,389	2,484	2,529	2,387			
11	2,403	2,398	2,316	2,392	2,390	2,360	2,394	2,346	1,808	2,397	2,630	2,483	2,525	2,394			
12	2,398	2,385	2,293	2,390	2,390	2,284	2,393	2,343	2,394	2,400	2,637	2,485	2,480	2,433			
13	2,396	2,389	2,379	2,384	2,386	2,376	2,389	2,337	2,398	2,397	2,629	2,526	2,433	2,428			
14	2,405	2,397	2,383	2,390	2,389	2,355	2,393	2,287	2,401	2,398	2,633	2,530	1,147	2,429			
15	2,403	2,396	2,388	2,390	2,389	2,394	2,392	2,386	2,402	2,397	2,627	2,526	2,576	2,430			
16	2,400	2,394	2,388	2,385	2,388	2,392	2,392	2,391	2,399	2,395	2,623	2,524	2,578	2,428			
17	2,403	2,400	2,394	2,393	2,403	2,400	2,401	2,403	2,403	2,406	2,605	2,538	2,586	2,353			
18	2,402	2,396	2,395	2,397	2,402	2,402	2,405	2,404	2,403	2,408	2,592	2,539	2,587	2,397			
19	2,400	2,394	2,392	2,393	2,400	2,400	2,403	2,401	2,398	2,404	2,591	2,535	2,562	2,396			
20	2,406	2,403	2,398	2,400	2,407	2,404	2,408	2,406	2,405	2,411	2,598	2,546	2,541	2,405			
21	2,403	2,400	2,400	2,403	2,406	2,405	2,407	2,405	2,404	2,410	2,596	2,546	2,541	2,407			
22	2,403	2,398	2,396	2,399	2,401	2,402	2,401	2,401	2,398	2,406	2,551	2,541	2,538	2,403			
23	2,409	2,403	2,403	2,407	2,408	2,405	2,408	2,406	2,407	2,412	2,550	2,549	2,543	2,410			
24	2,407	2,402	2,403	2,406	2,407	2,406	2,408	2,407	2,405	2,411	2,550	2,551	2,537	2,409			
TOTAL	57,713	57,594	57,320	57,550	57,610	57,425	57,631	57,164	56,958	57,685	60,490	60,807	59,645	58,292			
Cumulative Output Sold, kWh	1,001,582	1,059,176	1,116,496	1,174,046	1,231,656	1,289,081	1,346,712	1,403,876	1,460,834	1,518,519	1,579,009	1,639,816	1,699,461	1,757,753			
Transformer and line efficiency	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.6%	99.7%	99.7%	0.0%		
Hourly average	2,405	2,400	2,388	2,398	2,400	2,393	2,401	2,382	2,373	2,404	2,520	2,534	2,485	2,429	2,363		

AUGUST 2015																	
CNBE Daily Reports Summary Data																	
	Saturday 8/1/2015	Sunday 8/2/2015	Monday 8/3/2015	Tuesday 8/4/2015	Wednesday 8/5/2015	Thursday 8/6/2015	Friday 8/7/2015	Saturday 8/8/2015	Sunday 8/9/2015	Monday 8/10/2015	Tuesday 8/11/2015	Wednesday 8/12/2015	Thursday 8/13/2015	Friday 8/14/2015	Saturday 8/15/2015	Sunday 8/16/2015	Monday 8/17/2015
LFG and Biogas Flow to the Engines (KSCF)	1,287	1,400	1,409	1,419	1,496	1,489	1,448	1,331	1,372	1,349	1,260	1,255	1,310	1,313	1,330	1,324	1,418
LFG and Biogas Flow to the Engines (MMBTU U)	718	772	772	786	811	806	797	761	781	761	718	714	742	742	750	745	786
LFG and Biogas Flow to the Flare (KSCF)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LFG and BiogasFlow to the Flare (MMBTU HHV)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LFG and Biogas Total Flow (KSCF)	1,287	1,400	1,409	1,419	1,496	1,489	1,448	1,331	1,372	1,349	1,260	1,255	1,310	1,313	1,330	1,324	1,418
LFG and Biogas Total Flow (MMBTU HHV)	718	772	772	786	811	806	797	761	781	761	718	714	742	742	750	745	786
Average Methane Content (%)	55.1	54.5	54.1	54.7	53.6	53.5	54.4	56.5	56.2	55.7	56.3	56.2	56.0	55.8	55.7	55.6	54.8
Engine 1 Hours	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
Engine 2 Hours	22	24	24	24	24	24	24	24	24	24	18	-	-	-	-	-	12
Engine 3 Hours	24	24	24	24	24	24	24	21	24	24	24	24	24	24	24	24	24
Engine 4 Hours	-	-	-	14	24	24	16	-	-	-	3	24	24	24	24	24	24
Generator 1 Power Output (kWhr)	19,852	19,850	19,850	17,040	14,838	14,352	16,420	19,858	19,854	19,856	19,392	19,862	19,862	19,860	19,862	19,856	17,998
Generator 2 Power Output (kWhr)	18,126	19,974	19,968	17,132	15,602	14,928	16,442	19,972	19,974	19,968	14,176	-	-	-	-	-	8,076
Generator 3 Power Output (kWhr)	19,970	19,978	19,980	17,062	15,558	15,558	17,148	17,120	19,952	19,468	19,236	19,736	19,734	19,736	19,732	19,732	17,976
Generator 4 Power Output (kWhr)	-	-	-	8,396	15,560	15,556	9,826	-	-	-	2,306	19,294	19,670	19,694	19,568	19,578	17,888
Gross Power Output (kWhr)	57,932	59,810	59,811	59,612	61,544	60,359	59,798	56,937	59,748	59,288	55,095	58,860	59,234	59,255	59,115	59,131	61,920
Net Power Output (kWhr)	56,072	57,896	57,712	57,504	59,408	58,272	57,792	55,152	57,944	57,352	53,312	57,088	57,464	57,464	57,280	57,384	59,840
Power Sold as metered by NStar, (kWhr)	55,896	57,734	57,552	57,341	59,215	58,093	57,598	54,962	57,761	57,186	53,174	56,888	57,287	57,268	57,082	57,205	59,600
Offgrid RECs (kWhr)	1,860	1,914	2,099	2,108	2,136	2,087	2,006	1,785	1,804	1,936	1,782	1,772	1,770	1,791	1,835	1,747	2,080
Calculated Performance Results																	
Daily																	
Power output (kW average when running)																	
Generator 1	827	827	827	710	618	598	684	827	827	827	808	828	828	828	828	827	750
Generator 2	824	832	832	714	650	622	685	832	832	832	788	-	-	-	-	-	673
Generator 3	832	832	833	711	648	648	715	831	811	811	802	822	822	822	822	822	749
Generator 4	-	-	-	600	648	648	614	-	-	-	769	804	820	821	815	816	745
Power output (kW average over 24-hrs)																	
Facility Gross	2,414	2,492	2,492	2,484	2,564	2,515	2,492	2,372	2,490	2,470	2,296	2,453	2,468	2,469	2,463	2,464	2,580
Facility Net	2,336	2,412	2,405	2,396	2,475	2,428	2,408	2,298	2,414	2,390	2,221	2,379	2,394	2,394	2,387	2,391	2,493
In-plant load	78	80	87	88	89	87	84	74	75	81	74	74	74	75	76	73	87
Daily availability factor																	
Facility	73%	75%	75%	90%	100%	100%	92%	72%	75%	75%	72%	75%	75%	75%	75%	75%	88%
Engine 1	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Engine 2	92%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	0%	0%	0%	0%	0%	50%
Engine 3	100%	100%	100%	100%	100%	100%	100%	88%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Engine 4	0%	0%	0%	58%	100%	100%	67%	0%	0%	0%	13%	100%	100%	100%	100%	100%	100%
Daily capacity factor																	
Facility	73%	76%	76%	75%	78%	76%	76%	72%	75%	75%	70%	74%	75%	75%	75%	75%	78%
Engine 1	100%	100%	100%	86%	75%	72%	83%	100%	100%	100%	98%	100%	100%	100%	100%	100%	91%
Engine 2	100%	101%	101%	87%	79%	75%	83%	101%	101%	101%	95%	0%	0%	0%	0%	0%	82%
Engine 3	101%	101%	101%	86%	79%	79%	87%	99%	101%	98%	97%	100%	100%	100%	100%	100%	91%
Engine 4	0%	0%	0%	73%	79%	79%	74%	0%	0%	0%	93%	97%	99%	99%	99%	99%	90%
Cumulative by engine																	
Engine operating run hours in the month																	
Max Cumulative Available, hours	24	48	72	96	120	144	168	192	216	240	264	288	312	336	360	384	408
Engine 1	24	48	72	96	120	144	168	192	216	240	264	288	312	336	360	384	408
Engine 2	22	46	70	94	118	142	166	190	214	238	256	256	256	256	256	256	268
Engine 3	24	48	72	96	120	144	168	189	213	237	261	285	309	333	357	381	405
Engine 4	0	0	0	14	38	62	78	78	78	78	81	105	129	153	177	201	225
Engine operating run hours total from 0 hours																	
Engine 1	76,850	76,874	76,898	76,922	76,946	76,970	76,994	77,018	77,042	77,066	77,090	77,114	77,138	77,162	77,186	77,210	77,234
Engine 2	73,452	73,474	73,498	73,522	73,546	73,570	73,594	73,618	73,642	73,666	73,690	73,708	73,708	73,708	73,708	73,708	73,720
Engine 3	76,167	76,191	76,215	76,239	76,263	76,287	76,311	76,335	76,356	76,380	76,404	76,428	76,452	76,476	76,500	76,524	76,572
Engine 4	72,940	72,940	72,940	72,940	72,954	72,978	73,002	73,018	73,018	73,018	73,021	73,045	73,069	73,093	73,117	73,141	73,165
Cumulative availability, %	August 1, 2015 @ 00:00 hours																
Engine 1	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Engine 2	92%	96%	97%	98%	98%	99%	99%	99%	99%	99%	97%	89%	82%	76%	71%	67%	66%
Engine 3	100%	100%	100%	100%	100%	100%	100%	98%	99%	99%	99%	99%	99%	99%	99%	99%	99%
Engine 4	0%	0%	0%	15%	32%	43%	46%	41%	36%	33%	31%	36%	41%	46%	49%	52%	55%
Engine cumulative gross output, kWhr																	
Max cumulative capacity one engine	825	1,650	2,475	3,300	4,125	4,950	5,775	6,600	7,425	8,250	9,075	9,900	10,725	11,550	12,375	13,200	14,025
Engine 1	827	1,654	2,481	3,191	3,810	4,408	5,092	5,919	6,746	7,574	8,382	9,209	10,037	10,864	11,692	12,519	13,269
Engine 2	824	1,656	2,488	3,202	3,852	4,474	5,159	5,991	6,824	7,656	8,443	8,443	8,443	8,443	8,443	8,443	9,116
Engine 3	832	1,665	2,497	3,208	3,856	4,504	5,219	6,034	6,865	7,677	8,478	9,300	10,123	10,945	11,767	12,589	13,338
Engine 4	-	-	-	600	1,248	1,896	2,510	2,510	2,510	2,510	2,510	3,279	4,083	4,903	5,723	6,538	7,354
Cumulative capacity factor, %																	
Engine 1	100%	100%	100%	97%	92%	89%	88%	90%	91%	92%	92%	93%	94%	94%	94%	94%	95%
Engine 2	100%	100%	100%	101%	97%	93%	90%	89%	91%	92%	93%	85%	79%	73%	68%	64%	65%
Engine 3	101%	101%	101%	97%	93%	91%	90%	91%	92%	93%	93%	94%	94%	95%	95%	95%	95%
Engine 4	0%	0%	0%	18%	30%	38%	43%	38%	34%	30%	36%	41%	46%	50%	53%	56%	58%

		Saturday 8/1/2015	Sunday 8/2/2015	Monday 8/3/2015	Tuesday 8/4/2015	Wednesday 8/5/2015	Thursday 8/6/2015	Friday 8/7/2015	Saturday 8/8/2015	Sunday 8/9/2015	Monday 8/10/2015	Tuesday 8/11/2015	Wednesday 8/12/2015	Thursday 8/13/2015	Friday 8/14/2015	Saturday 8/15/2015	Sunday 8/16/2015	Monday 8/17/2015
Cumulative by Facility in month																		
Max cumulative available engine run hours		96	192	288	384	480	576	672	768	864	960	1,056	1,152	1,248	1,344	1,440	1,536	1,632
Actual cumulative engine run hours		70	142	214	300	396	492	580	649	721	793	862	934	1,006	1,078	1,150	1,222	1,306
Cumulative Availability, %		72.9%	74.0%	74.3%	78.1%	82.5%	85.4%	86.3%	84.5%	83.4%	82.6%	81.6%	81.1%	80.6%	80.2%	79.9%	79.6%	80.0%
Max cumulative gross output, kWhr		79,200	158,400	237,600	316,800	396,000	475,200	554,400	633,600	712,800	792,000	871,200	950,400	1,029,600	1,108,800	1,188,000	1,267,200	1,346,400
Actual cumulative gross output, kWhr		57,932	117,742	177,553	237,165	298,709	359,068	418,866	475,803	535,551	594,839	649,934	708,794	768,028	827,283	886,398	945,529	1,007,449
Cumulative Capacity Factor		73.1%	74.3%	74.7%	74.9%	75.4%	75.6%	75.6%	75.1%	75.1%	75.1%	74.6%	74.6%	74.6%	74.6%	74.6%	74.6%	74.8%
Cumulative fuel input, MMBtu HHV		718	1,489	2,261	3,046	3,858	4,664	5,461	6,222	7,002	7,763	8,481	9,194	9,937	10,678	11,428	12,174	12,960
Cumulative gross output, kWhr		57,932	117,742	177,553	237,165	298,709	359,068	418,866	475,803	535,551	594,839	649,934	708,794	768,028	827,283	886,398	945,529	1,007,449
Heat Rate																		
Daily heat rate, Btu/kWe gross LHV		11,151	11,613	11,612	11,865	11,867	12,019	11,997	12,032	11,759	11,552	11,731	10,912	11,281	11,266	11,422	11,345	11,427
Daily heat rate, Btu/kWe gross HHV		12,387	12,901	12,899	13,180	13,182	13,352	13,327	13,366	13,063	12,832	13,032	12,122	12,532	12,515	12,689	12,603	12,694
Cumulative heat rate, Btu/kWe gross LHV		11,151	11,386	11,462	11,563	11,626	11,692	11,735	11,771	11,770	11,748	11,746	11,677	11,647	11,619	11,606	11,590	11,580
Cumulative heat rate, Btu/kWe gross HHV		12,387	12,648	12,733	12,845	12,915	12,988	13,036	13,076	13,074	13,050	13,049	12,972	12,938	12,908	12,893	12,875	12,864
Cumulative by Facility starting Calendar Year																		
Max cumulative available engine run hours		20,060	20,156	20,252	20,348	20,444	20,540	20,636	20,732	20,828	20,924	21,020	21,116	21,212	21,308	21,404	21,500	21,596
Actual cumulative engine run hours		15,470	15,542	15,614	15,700	15,796	15,892	15,980	16,049	16,121	16,193	16,262	16,334	16,406	16,478	16,550	16,622	16,706
Cumulative Availability, %		77.1%	77.1%	77.1%	77.2%	77.3%	77.4%	77.4%	77.4%	77.4%	77.4%	77.4%	77.4%	77.3%	77.3%	77.3%	77.3%	77.4%
Max cumulative gross output, kWhr		16,549,500	16,628,700	16,707,900	16,787,100	16,866,300	16,945,500	17,024,700	17,103,900	17,183,100	17,262,300	17,341,500	17,420,700	17,499,900	17,579,100	17,658,300	17,737,500	17,816,700
Actual cumulative gross output, kWhr		12,122,992	12,182,802	12,242,613	12,302,225	12,363,769	12,424,128	12,483,926	12,540,863	12,600,611	12,659,899	12,714,994	12,773,854	12,833,088	12,892,343	12,951,458	13,010,589	13,072,509
Cumulative Capacity Factor		73.3%	73.3%	73.3%	73.3%	73.3%	73.3%	73.3%	73.3%	73.3%	73.3%	73.3%	73.3%	73.3%	73.3%	73.3%	73.4%	73.4%
Cumulative fuel input, MMBtu HHV		152,191	152,963	153,735	154,520	155,332	156,137	156,934	157,695	158,476	159,237	159,955	160,668	161,410	162,152	162,902	163,647	164,433
Cumulative gross output, kWhr		12,122,992	12,182,802	12,242,613	12,302,225	12,363,769	12,424,128	12,483,926	12,540,863	12,600,611	12,659,899	12,714,994	12,773,854	12,833,088	12,892,343	12,951,458	13,010,589	13,072,509
Cumulative heat rate, Btu/kWe gross LHV		11,301	11,303	11,304	11,307	11,310	11,313	11,316	11,320	11,322	11,323	11,324	11,323	11,322	11,322	11,323	11,323	11,323
Cumulative heat rate, Btu/kWe gross HHV		12,554	12,556	12,557	12,560	12,563	12,567	12,571	12,575	12,577	12,578	12,580	12,578	12,578	12,577	12,578	12,578	12,579
Service																		
Engine 1																		
Engine 2																		
Engine 3																		
Engine 4																		
Oil - oil and filter change																		
Service - plugs, air filter, valve inspection and adjustment																		
Precipitation																		
NSTAR Power Reports																		
Date		8/1/2015	8/2/2015	8/3/2015	8/4/2015	8/5/2015	8/6/2015	8/7/2015	8/8/2015	8/9/2015	8/10/2015	8/11/2015	8/12/2015	8/13/2015	8/14/2015	8/15/2015	8/16/2015	8/17/2015
Hour																		
1		2,404	2,407	2,403	2,402	2,495	2,449	2,402	2,403	2,405	2,404	2,404	2,356	2,389	2,390	2,386	2,388	2,387
2		2,410	2,413	2,409	2,407	2,502	2,454	2,408	2,410	2,411	2,410	2,410	2,358	2,396	2,398	2,393	2,394	2,393
3		2,409	2,412	2,408	2,406	2,502	2,454	2,407	2,410	2,411	2,409	2,410	2,359	2,397	2,399	2,392	2,395	2,394
4		2,404	2,408	2,403	2,403	2,497	2,449	2,403	2,404	2,405	2,404	2,404	2,353	2,391	2,392	2,386	2,388	2,387
5		2,410	2,413	2,408	2,409	2,503	2,455	2,409	2,410	2,411	2,410	2,411	2,358	2,397	2,399	2,391	2,395	2,393
6		2,409	2,414	2,407	2,409	2,503	2,455	2,409	2,410	2,411	2,410	2,411	2,361	2,398	2,400	2,392	2,395	2,393
7		2,405	2,411	2,401	2,404	2,498	2,451	2,405	2,405	2,406	2,405	2,405	2,360	2,392	2,394	2,387	2,390	2,388
8		2,410	2,414	2,405	2,415	2,502	2,447	2,409	2,409	2,411	2,408	2,409	2,364	2,386	2,390	2,391	2,394	2,391
9		2,406	2,410	2,396	2,406	2,492	2,437	2,401	2,406	2,411	2,400	2,403	2,387	2,376	2,387	2,383	2,391	2,371
10		2,397	2,402	2,380	2,392	2,480	2,435	2,422	2,399	2,404	2,106	2,397	2,374	2,373	2,373	2,362	2,374	2,357
11		2,399	2,406	2,380	2,133	2,439	2,402	2,420	2,404	2,409	2,202	1,419	2,374	2,380	2,373	2,354	2,362	2,358
12		2,396	2,403	2,383	1,432	2,437	2,390	2,389	2,403	2,409	2,399	2,004	2,371	2,381	2,380	2,355	2,349	2,353
13		2,390	2,397	2,379	2,276	2,434	2,387	2,389	2,398	2,402	2,390	2,397	2,362	2,371	2,374	2,357	2,360	2,588
14		1,747	2,400	2,385	1,556	2,439	2,397	2,394	2,404	2,404	2,393	2,269	2,360	2,375	2,372	2,359	2,378	2,574
15		1,584	2,401	2,388	2,880	2,439	2,397	2,396	2,251	2,395	2,392	2,369	2,358	2,373	2,374	2,361	2,376	2,572
16		2,055	2,394	2,388	2,668	2,440	2,394	2,303	1,583	2,399	2,389	2,386	2,358	2,375	2,370	2,350	2,370	2,568
17		2,402	2,399	2,399	2,653	2,450	2,404	2,401	1,597	2,407	2,402	2,397	2,366	2,384	2,381	2,373	2,378	2,581
18		2,403	2,402	2,400	2,634	2,451	2,405	2,402	1,598	2,407	2,406	2,113	2,371	2,392	2,385	2,381	2,387	2,587
19		2,406	2,398	2,397	2,562	2,448	2,401	2,399	2,213	2,403	2,402	1,586	2,379	2,388	2,379	2,380	2,384	2,584
20		2,411	2,406	2,408	2,499	2,454	2,407	2,407	2,408	2,409	2,410	1,592	2,391	2,396	2,394	2,388	2,392	2,595
21		2,410	2,407	2,407	2,500	2,454	2,407	2,408	2,411	2,408	2,410	1,587	2,392	2,395	2,393	2,389	2,392	2,596
22		2,406	2,402	2,403	2,495	2,449	2,402	2,401	2,405	2,404	2,404	2,241	2,386	2,390	2,387	2,387	2,387	2,591
23		2,412	2,408	2,408	2,500	2,453	2,407	2,407	2,411	2,410	2,410	2,381	2,394	2,396	2,392	2,392	2,393	2,597
24		2,411	2,407	2,407	2,500	2,454	2,407	2,407	2,410	2,409	2,411	2,369	2,396	2,396	2,392	2,393	2,393	2,602
TOTAL		55,896	57,734	57,552	57,341	59,215	58,093	57,598	54,962	57,761	57,186	53,174	56,888	57,287	57,268	57,082	57,205	59,600
Cumulative Output Sold, kWhr		55,896	113,630	171,182	228,523	287,738	345,831	403,429	458,391	516,152	573,338	626,512	683,400	740,687	797,955	855,037	912,242	971,842
Transformer and line efficiency		99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.6%	99.7%	99.7%	99.7%	99.7%	99.6%
Hourly average		2,329	2,406	2,398	2,389	2,467	2,421	2,400	2,290	2,407	2,383	2,216	2,370	2,387	2,386	2,378	2,384	2,483

AUGUST 2015																	
CNBE Daily Reports Summary Data																	
	Tuesday 8/18/2015	Wednesday 8/19/2015	Thursday 8/20/2015	Friday 8/21/2015	Saturday 8/22/2015	Sunday 8/23/2015	Monday 8/24/2015	Tuesday 8/25/2015	Wednesday 8/26/2015	Thursday 8/27/2015	Friday 8/28/2015	Saturday 8/29/2015	Sunday 8/30/2015	Monday 8/31/2015	TOTAL	Biogas	LFG
LFG and Biogas Flow to the Engine	1,405	1,412	1,409	1,355	1,290	1,326	1,325	1,352	1,503	1,517	1,565	1,590	1,588	1,581	43,426	2,767	40,660
LFG and Biogas Flow to the Engine (t)	782	782	768	745	715	736	744	750	823	813	822	830	824	826	23,921	1,904	22,016
LFG and Biogas Flow to the Flare (t)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.0%	92%
LFG and Biogas Flow to the Flare (M)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
LFG and Biogas Total Flow (KSCF)	1,405	1,412	1,409	1,355	1,290	1,326	1,325	1,352	1,503	1,517	1,565	1,590	1,588	1,581	43,426		
LFG and Biogas Total Flow (MMBTU)	782	782	768	745	715	736	744	750	823	813	822	830	824	826	23,921		
Average Methane Content (%)	55.0	54.7	53.9	54.3	54.8	54.8	55.5	54.8	54.1	53.0	51.9	51.5	51.3	51.7	54.4		
Engine 1 Hours	24	24	24	24	24	24	24	24	24	24	23	24	24	24	743		
Engine 2 Hours	16	15	24	24	24	24	24	24	24	24	24	24	24	24	587		
Engine 3 Hours	24	24	23	19	24	24	24	15	16	20	24	24	24	24	714		
Engine 4 Hours	22	24	24	19	-	-	1	9	24	24	24	24	24	24	468		
Generator 1 Power Output (kWhr)	17,852	17,256	15,564	16,850	19,732	19,854	19,852	19,856	18,144	16,490	14,294	15,082	15,250	15,492	560,030		
Generator 2 Power Output (kWhr)	11,176	9,512	15,882	17,562	19,730	19,728	19,728	19,240	18,228	17,602	16,464	16,196	15,728	15,746	436,860		
Generator 3 Power Output (kWhr)	17,858	17,538	14,320	12,384	19,726	19,730	19,724	12,278	10,412	14,290	16,480	16,184	15,772	15,982	540,354		
Generator 4 Power Output (kWhr)	15,704	17,576	15,564	12,388	-	-	-	7,478	18,256	17,664	16,512	16,144	16,144	16,152	336,918		
Gross Power Output (kWhr)	62,584	61,850	61,318	59,167	59,196	59,309	59,262	58,873	65,073	66,045	63,743	63,612	62,885	63,373	1,873,739		
Net Power Output (kWhr)	60,472	59,768	59,152	57,064	57,328	57,416	57,312	56,832	62,856	63,840	61,560	61,448	60,640	61,120	1,811,744		
Power Sold as metered by NStar, (kWhr)	60,312	59,579	58,983	56,868	57,153	57,248	57,119	56,682	62,660	63,643	61,386	61,260	60,468	60,931	1,806,134	CRMCB inplant	
Offgrid REC's (kWhr)	2,112	2,082	2,166	2,102	1,868	1,893	1,949	2,041	2,217	2,205	2,183	2,164	2,245	2,253	61,992	8,893	
Calculated Performance Results																14%	
Daily																of total in-plant	
Power output (kW average whr)															power		
Generator 1	744	719	649	702	822	827	827	827	756	687	621	628	635	646			
Generator 2	699	634	662	732	822	822	822	802	760	733	686	675	655	656			
Generator 3	744	731	623	652	822	822	822	819	651	715	687	674	657	666			
Generator 4	714	732	649	652	-	-	-	831	761	736	688	673	673	673			
Power output (kW average over)																	
Facility Gross	2,608	2,577	2,555	2,465	2,467	2,471	2,469	2,453	2,711	2,752	2,656	2,651	2,620	2,641			
Facility Net	2,520	2,490	2,465	2,378	2,389	2,392	2,388	2,368	2,619	2,660	2,565	2,560	2,527	2,547			
In-plant load	88	87	90	88	78	79	81	85	92	92	91	90	94	94			
Daily availability factor																	
Facility	90%	91%	99%	90%	75%	75%	76%	75%	92%	96%	99%	100%	100%	100%			
Engine 1	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	96%	100%	100%	100%			
Engine 2	67%	63%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%			
Engine 3	100%	100%	96%	79%	100%	100%	100%	63%	67%	83%	100%	100%	100%	100%			
Engine 4	92%	100%	100%	79%	0%	0%	4%	38%	100%	100%	100%	100%	100%	100%			
Daily capacity factor																	
Facility	79%	78%	77%	75%	75%	75%	75%	74%	82%	83%	80%	80%	79%	80%			
Engine 1	90%	87%	79%	85%	100%	100%	100%	100%	92%	83%	75%	76%	77%	78%			
Engine 2	85%	77%	80%	89%	100%	100%	100%	97%	92%	89%	83%	82%	79%	80%			
Engine 3	90%	89%	75%	79%	100%	100%	100%	99%	79%	87%	83%	82%	80%	81%			
Engine 4	87%	89%	79%	79%	0%	0%	0%	101%	92%	89%	83%	82%	82%	82%			
Cumulative by engine																	
Engine operating run hours in th																	
Max Cumulative Available,	432	456	480	504	528	552	576	600	624	648	672	696	720	720			
Engine 1	432	456	480	504	528	552	576	600	624	648	671	695	719	719			
Engine 2	284	299	323	347	371	395	419	443	467	491	515	539	563	563			
Engine 3	429	453	476	495	519	543	567	582	598	618	642	666	690	690			
Engine 4	247	271	295	314	314	314	315	324	348	372	396	420	444	444			
Engine operating run hours total																	
Engine 1	77,282	77,306	77,330	77,354	77,378	77,402	77,426	77,450	77,474	77,498	77,521	77,545	77,569	77,569			
Engine 2	73,736	73,751	73,775	73,799	73,823	73,847	73,871	73,895	73,919	73,943	73,967	73,991	74,015	74,015			
Engine 3	76,596	76,620	76,643	76,662	76,686	76,710	76,734	76,749	76,765	76,785	76,809	76,833	76,857	76,857			
Engine 4	73,187	73,211	73,235	73,254	73,254	73,254	73,255	73,264	73,288	73,312	73,336	73,360	73,384	73,384			
Cumulative availability, %																	
Engine 1	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%			
Engine 2	66%	66%	67%	69%	70%	72%	73%	74%	75%	76%	77%	77%	78%	78%			
Engine 3	99%	99%	99%	98%	98%	98%	98%	97%	96%	95%	96%	96%	96%	96%			
Engine 4	57%	59%	61%	62%	59%	57%	55%	54%	56%	57%	59%	60%	62%	62%			
Engine cumulative gross output																	
Max cumulative capacity on	14,850	15,675	16,500	17,325	18,150	18,975	19,800	20,625	21,450	22,275	23,100	23,925	24,750	24,750			
Engine 1	14,013	14,732	15,381	16,083	16,905	17,732	18,559	19,387	20,143	20,830	21,451	22,080	22,715	22,725			
Engine 2	9,815	10,449	11,111	11,842	12,664	13,486	14,308	15,110	15,870	16,603	17,289	17,964	18,619	18,620			
Engine 3	14,082	14,813	15,436	16,088	16,910	17,732	18,553	19,372	20,023	20,737	21,424	22,098	22,755	22,764			
Engine 4	8,813	9,546	10,194	10,846	10,846	10,846	10,846	11,677	12,438	13,174	13,862	14,534	15,207	15,207			
Cumulative capacity factor, %																	
Engine 1	94%	94%	93%	93%	93%	93%	94%	94%	94%	94%	93%	92%	92%	92%			
Engine 2	66%	67%	67%	68%	70%	71%	72%	73%	74%	75%	75%	75%	75%	75%			
Engine 3	95%	95%	94%	93%	93%	93%	94%	94%	93%	93%	93%	92%	92%	92%			
Engine 4	59%	61%	62%	63%	60%	57%	55%	57%	58%	59%	60%	61%	61%	61%			

	Tuesday 8/18/2015	Wednesday 8/19/2015	Thursday 8/20/2015	Friday 8/21/2015	Saturday 8/22/2015	Sunday 8/23/2015	Monday 8/24/2015	Tuesday 8/25/2015	Wednesday 8/26/2015	Thursday 8/27/2015	Friday 8/28/2015	Saturday 8/29/2015	Sunday 8/30/2015	Monday 8/31/2015	TOTAL	Biogas	LFG
Cumulative by Facility in month																	
Max cumulative available engine run h	1,728	1,824	1,920	2,016	2,112	2,208	2,304	2,400	2,496	2,592	2,688	2,784	2,880	2,880			
Actual cumulative engine run h	1,392	1,479	1,574	1,660	1,732	1,804	1,877	1,949	2,037	2,129	2,224	2,320	2,416	2,416			
Cumulative Availability, %	80.6%	81.1%	82.0%	82.3%	82.0%	81.7%	81.5%	81.2%	81.6%	82.1%	82.7%	83.3%	83.9%	83.9%			
Max cumulative gross output, kW	1,425,600	1,504,800	1,584,000	1,663,200	1,742,400	1,821,600	1,900,800	1,980,000	2,059,200	2,138,400	2,217,600	2,296,800	2,376,000	2,376,000			
Actual cumulative gross output, kW	1,070,033	1,131,883	1,193,201	1,252,368	1,311,564	1,370,873	1,430,135	1,489,008	1,554,081	1,620,126	1,683,869	1,747,481	1,810,366	1,810,854			
Cumulative Capacity Factor	75.1%	75.2%	75.3%	75.3%	75.3%	75.3%	75.2%	75.2%	75.5%	75.8%	75.9%	76.1%	76.2%	76.2%			
Cumulative fuel input, MMBtu H	13,742	14,524	15,292	16,037	16,752	17,488	18,232	18,982	19,805	20,618	21,440	22,270	23,094	23,096			
Cumulative gross output, kWhr	1,070,033	1,131,883	1,193,201	1,252,368	1,311,564	1,370,873	1,430,135	1,489,008	1,554,081	1,620,126	1,683,869	1,747,481	1,810,366	1,810,854			
Heat Rate																	
Daily heat rate, Btu/kWe gross	11,250	11,380	11,276	11,333	10,878	11,173	11,308	11,465	11,384	11,084	11,610	11,739	11,800	11,739			
Daily heat rate, Btu/kWe gross	12,497	12,642	12,527	12,590	12,084	12,411	12,561	12,736	12,646	12,313	12,897	13,040	13,108	13,040			
Cumulative heat rate, Btu/kWe	11,561	11,551	11,537	11,527	11,498	11,484	11,476	11,476	11,472	11,456	11,462	11,472	11,483	11,481			
Cumulative heat rate, Btu/kWe	12,842	12,831	12,816	12,805	12,772	12,757	12,749	12,748	12,744	12,726	12,733	12,744	12,757	12,754			
Cumulative by Facility starting 8/18/2015																	
Max cumulative available engine run h	21,692	21,788	21,884	21,980	22,076	22,172	22,268	22,364	22,460	22,556	22,652	22,748	22,844	22,844			
Actual cumulative engine run h	16,792	16,879	16,974	17,060	17,132	17,204	17,277	17,349	17,437	17,529	17,624	17,720	17,816	17,816			
Cumulative Availability, %	77.4%	77.5%	77.6%	77.6%	77.6%	77.6%	77.6%	77.6%	77.6%	77.7%	77.8%	77.9%	78.0%	78.0%			
Max cumulative gross output, kW	17,895,900	17,975,100	18,054,300	18,133,500	18,212,700	18,291,900	18,371,100	18,450,300	18,529,500	18,608,700	18,687,900	18,767,100	18,846,300	18,846,300			
Actual cumulative gross output, kW	13,135,093	13,196,943	13,258,261	13,317,428	13,376,624	13,435,933	13,495,195	13,554,068	13,619,141	13,685,186	13,748,929	13,812,541	13,875,426	13,875,914			
Cumulative Capacity Factor	73.4%	73.4%	73.4%	73.4%	73.4%	73.5%	73.5%	73.5%	73.5%	73.5%	73.6%	73.6%	73.6%	73.6%			
Cumulative fuel input, MMBtu H	165,215	165,997	166,765	167,510	168,226	168,962	169,706	170,456	171,279	172,092	172,914	173,744	174,568	174,570			
Cumulative gross output, kWhr	13,135,093	13,196,943	13,258,261	13,317,428	13,376,624	13,435,933	13,495,195	13,554,068	13,619,141	13,685,186	13,748,929	13,812,541	13,875,426	13,875,914			
Cumulative heat rate, Btu/kWe	11,323	11,323	11,323	11,323	11,321	11,320	11,320	11,321	11,321	11,320	11,321	11,323	11,325	11,325			
Cumulative heat rate, Btu/kWe	12,578	12,578	12,578	12,578	12,576	12,575	12,575	12,576	12,576	12,575	12,577	12,579	12,581	12,581			
Service																	
Engine 1																	
Engine 2																	
Engine 3																	
Engine 4																	
Oil - oil and filter change																	
Service - plugs, air filter, valve inspection																	
Precipitation																	
NSTAR Power Reports																	
Date	8/18/2015	8/19/2015	8/20/2015	8/21/2015	8/22/2015	8/23/2015	8/24/2015	8/25/2015	8/26/2015	8/27/2015	8/28/2015	8/29/2015	8/30/2015	8/31/2015	TOTAL		
Hour																	
1	2,599	2,387	2,452	2,432	2,374	2,384	2,378	2,386	2,385	2,831	2,689	2,522	2,576	2,594			
2	2,606	2,395	2,459	2,440	2,379	2,391	2,387	2,393	2,391	2,837	2,695	2,528	2,558	2,598			
3	2,607	2,395	2,460	2,447	2,377	2,391	2,388	2,393	2,392	2,837	2,697	2,529	2,527	2,598			
4	2,602	2,390	2,453	2,443	2,371	2,385	2,383	2,388	2,386	2,832	2,644	2,524	2,518	2,593			
5	2,608	2,396	2,458	2,447	2,378	2,391	2,388	2,394	2,394	2,838	2,609	2,529	2,454	2,597			
6	2,609	2,396	2,459	2,440	2,379	2,391	2,389	2,395	2,394	2,826	2,593	2,530	2,454	2,562			
7	2,603	2,391	2,454	2,452	2,374	2,385	2,380	2,390	2,389	2,797	2,549	2,526	2,450	2,523			
8	2,595	2,393	2,459	2,443	2,380	2,392	2,375	2,391	2,384	2,783	2,546	2,526	2,453	2,517			
9	2,521	2,379	2,203	2,443	2,381	2,391	2,368	2,381	2,445	2,582	2,494	2,571	2,427	2,449			
10	2,353	2,458	2,413	2,441	2,374	2,381	2,362	2,365	2,488	2,360	2,482	2,583	2,372	2,437			
11	2,359	2,654	2,545	2,443	2,371	2,378	2,363	2,367	2,496	2,108	2,491	2,523	2,467	2,439			
12	2,570	2,631	2,494	2,445	2,370	2,375	2,375	2,363	2,493	1,966	2,408	2,522	2,454	2,392			
13	2,645	2,605	2,487	1,993	2,375	2,375	2,371	2,012	2,498	2,342	2,337	2,515	2,437	2,358			
14	2,654	2,573	2,482	1,936	2,388	2,385	2,377	2,244	2,609	2,802	2,317	2,527	2,515	2,368			
15	2,650	2,573	2,484	2,342	2,389	2,385	2,379	2,384	2,766	2,683	2,662	2,592	2,573	2,566			
16	2,619	2,553	2,479	2,342	2,382	2,380	2,371	2,383	2,867	2,679	2,630	2,587	2,582	2,579			
17	2,385	2,537	2,489	2,350	2,389	2,387	2,377	2,375	2,874	2,690	2,607	2,591	2,587	2,591			
18	2,388	2,540	2,498	2,353	2,391	2,387	2,383	2,377	2,880	2,695	2,596	2,593	2,589	2,593			
19	2,385	2,514	2,494	2,370	2,385	2,383	2,383	2,374	2,877	2,689	2,590	2,590	2,587	2,590			
20	2,391	2,497	2,461	2,371	2,390	2,390	2,389	2,383	2,870	2,694	2,596	2,596	2,595	2,596			
21	2,392	2,501	2,453	2,374	2,391	2,389	2,390	2,387	2,861	2,696	2,578	2,597	2,537	2,599			
22	2,386	2,491	2,447	2,369	2,384	2,383	2,384	2,382	2,849	2,688	2,521	2,592	2,563	2,593			
23	2,392	2,471	2,452	2,375	2,390	2,388	2,389	2,388	2,836	2,694	2,527	2,539	2,595	2,599			
24	2,393	2,459	2,448	2,377	2,391	2,381	2,390	2,387	2,836	2,694	2,528	2,528	2,598	2,600			
TOTAL	60,312	59,579	58,983	56,868	57,153	57,248	57,119	56,682	62,660	63,643	61,386	61,260	60,468	60,931			
Cumulative Output Sold, kW	1,032,154	1,091,733	1,150,716	1,207,584	1,264,737	1,321,985	1,379,104	1,435,786	1,498,446	1,562,089	1,623,475	1,684,735	1,745,203	1,806,134			
Transformer and line efficiency	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	0.0%		
Hourly average	2,513	2,482	2,458	2,370	2,381	2,385	2,380	2,362	2,611	2,652	2,558	2,553	2,520	2,539	2,428		

SEPTEMBER 2015																		
CNBE Daily Reports Summary Data		Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday
		9/1/2015	9/2/2015	9/3/2015	9/4/2015	9/5/2015	9/6/2015	9/7/2015	9/8/2015	9/9/2015	9/10/2015	9/11/2015	9/12/2015	9/13/2015	9/14/2015	9/15/2015	9/16/2015	9/17/2015
LFG and Biogas Flow to the Engines (KSCF)		1,573	1,468	1,557	1,346	1,442	1,354	1,401	1,499	1,478	1,530	1,445	1,448	1,578	1,526	1,629	1,563	1,625
LFG and Biogas Flow to the Engines (MMBTU U)		826	781	818	721	773	735	760	797	772	788	771	771	829	784	822	808	839
LFG and Biogas Flow to the Flare (KSCF)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LFG and Biogas Flow to the Flare (MMBTU HHV)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LFG and Biogas Total Flow (KSCF)		1,573	1,468	1,557	1,346	1,442	1,354	1,401	1,499	1,478	1,530	1,445	1,448	1,578	1,526	1,629	1,563	1,625
LFG and Biogas Total Flow (MMBTU HHV)		826	781	818	721	773	735	760	797	772	788	771	771	829	784	822	808	839
Average Methane Content (%)		51.9	52.5	51.9	52.9	53.0	53.7	53.6	52.5	51.6	50.9	52.8	52.6	51.9	50.8	49.9	51.1	51.0
Engine 1 Hours		24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
Engine 2 Hours		24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
Engine 3 Hours		24	17	22	6	-	-	-	10	22	24	19	24	24	23	24	23	24
Engine 4 Hours		24	24	24	24	24	23	25	24	17	24	22	24	24	24	24	23	24
Generator 1 Power Output (kWhr)		16,476	17,662	17,630	16,096	19,854	19,854	19,852	18,796	18,276	18,574	19,462	19,082	18,906	18,658	18,664	18,578	19,762
Generator 2 Power Output (kWhr)		16,564	17,758	17,896	16,058	19,970	19,972	19,966	19,596	19,214	17,972	19,034	13,390	18,388	17,744	16,126	13,452	12,096
Generator 3 Power Output (kWhr)		14,848	8,470	8,274	354	-	-	-	4,862	13,018	16,166	10,002	11,644	12,042	10,344	11,528	14,098	17,952
Generator 4 Power Output (kWhr)		16,524	17,776	18,196	16,124	19,938	19,936	19,936	19,190	10,340	12,000	14,394	17,636	18,964	18,688	19,716	18,252	17,948
Gross Power Output (kWhr)		64,415	61,706	62,030	48,806	59,806	59,802	59,808	62,487	60,863	64,699	62,926	61,781	68,305	65,436	66,023	64,380	67,729
Net Power Output (kWhr)		62,200	59,528	59,792	47,040	57,984	57,992	57,936	60,304	58,656	62,464	60,904	59,864	66,216	63,288	63,808	62,248	65,504
Power Sold as metered by NStar, (kWhr)		62,016	59,356	59,585	46,899	57,798	57,808	57,748	60,093	58,469	62,273	60,753	59,714	66,091	63,147	63,663	62,094	65,329
Offgrid RECs (kWhr)		2,215	2,178	2,238	1,765	1,822	1,810	1,872	2,184	2,207	2,235	2,022	1,917	2,089	2,148	2,215	2,132	2,225
Calculated Performance Results																		
Daily																		
Power output (kW average when running)																		
Generator 1		687	736	735	671	827	827	827	783	762	774	811	795	788	777	778	774	823
Generator 2		690	740	746	669	832	832	832	817	801	749	793	788	766	739	672	561	504
Generator 3		619	498	376	59	-	-	-	486	592	674	526	485	502	450	480	613	748
Generator 4		689	741	758	672	831	867	797	800	608	500	654	735	790	779	822	794	748
Power output (kW average over 24-hrs)																		
Facility Gross		2,684	2,571	2,585	2,034	2,492	2,492	2,492	2,604	2,536	2,696	2,622	2,574	2,846	2,727	2,751	2,683	2,822
Facility Net		2,592	2,480	2,491	1,960	2,416	2,416	2,414	2,513	2,444	2,603	2,538	2,494	2,759	2,637	2,659	2,594	2,729
In-plant load		92	91	93	74	76	75	78	91	92	93	84	80	87	90	92	89	93
Daily availability factor																		
Facility		100%	93%	98%	81%	75%	74%	76%	85%	91%	100%	93%	93%	100%	99%	100%	98%	100%
Engine 1		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Engine 2		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Engine 3		100%	71%	92%	25%	0%	0%	0%	42%	92%	100%	79%	100%	100%	96%	100%	96%	100%
Engine 4		100%	100%	100%	100%	100%	96%	104%	100%	71%	100%	92%	100%	100%	100%	100%	96%	100%
Daily capacity factor																		
Facility		81%	78%	78%	62%	76%	76%	76%	79%	77%	82%	79%	78%	86%	83%	83%	81%	86%
Engine 1		83%	89%	89%	81%	100%	100%	100%	95%	92%	94%	98%	96%	95%	94%	94%	94%	100%
Engine 2		84%	90%	90%	81%	101%	101%	101%	99%	97%	91%	96%	95%	93%	90%	81%	68%	61%
Engine 3		75%	60%	46%	7%	0%	0%	0%	59%	72%	82%	64%	59%	61%	55%	58%	74%	91%
Engine 4		83%	90%	92%	81%	101%	105%	97%	97%	74%	61%	79%	89%	96%	94%	100%	96%	91%
Cumulative by engine																		
Engine operating run hours in the month																		
Max Cumulative Available, hours		24	48	72	96	120	144	168	192	216	240	264	288	312	336	360	384	408
Engine 1		24	48	72	96	120	144	168	192	216	240	264	288	312	336	360	384	408
Engine 2		24	48	72	96	120	144	168	192	216	240	264	281	305	329	353	377	401
Engine 3		24	41	63	69	69	69	69	79	101	125	144	168	192	215	239	262	286
Engine 4		24	48	72	96	120	143	168	192	209	233	255	279	303	327	351	374	398
Engine operating run hours total from 0 hours																		
Engine 1		77,592	77,616	77,640	77,664	77,688	77,712	77,736	77,760	77,784	77,808	77,832	77,856	77,880	77,904	77,928	77,952	78,000
Engine 2		74,038	74,062	74,086	74,110	74,134	74,158	74,182	74,206	74,230	74,254	74,278	74,302	74,319	74,343	74,367	74,391	74,439
Engine 3		76,881	76,905	76,922	76,944	76,950	76,950	76,950	76,950	76,960	76,982	77,006	77,025	77,049	77,073	77,096	77,120	77,167
Engine 4		73,409	73,433	73,457	73,481	73,505	73,529	73,552	73,577	73,601	73,618	73,642	73,664	73,688	73,712	73,736	73,760	73,807
Cumulative availability, %		September 1, 2015 @ 00:00 hours																
Engine 1		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Engine 2		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	98%	98%	98%	98%	98%	98%
Engine 3		100%	85%	88%	72%	58%	48%	41%	41%	47%	52%	55%	58%	62%	64%	66%	68%	70%
Engine 4		100%	100%	100%	100%	100%	99%	100%	100%	97%	97%	97%	97%	97%	97%	98%	97%	98%
Engine cumulative gross output, kWhr																		
Max cumulative capacity one engine		825	1,650	2,475	3,300	4,125	4,950	5,775	6,600	7,425	8,250	9,075	9,900	10,725	11,550	12,375	13,200	14,025
Engine 1		687	1,422	2,157	2,828	3,655	4,482	5,309	6,093	6,854	7,628	8,439	9,234	10,022	10,799	11,577	12,351	13,174
Engine 2		690	1,430	2,176	2,845	3,677	4,509	5,341	6,158	6,958	7,767	8,500	9,288	10,054	10,793	11,465	12,026	12,530
Engine 3		619	1,117	1,493	1,552	1,552	1,552	1,552	2,038	2,630	3,304	3,830	4,315	4,817	5,267	5,747	6,360	7,108
Engine 4		689	1,429	2,187	2,859	3,690	4,557	5,354	6,154	6,762	7,262	7,916	8,651	9,441	10,220	11,041	11,835	12,583
Cumulative capacity factor, %																		
Engine 1		83%	86%	87%	86%	89%	91%	92%	92%	92%	92%	93%	93%	93%	93%	94%	94%	94%
Engine 2		84%	87%	88%	86%	89%	91%	92%	93%	94%	93%	94%	94%	94%	93%	93%	91%	89%
Engine 3		75%	68%	60%	47%	38%	31%	27%	31%	35%	40%	42%	44%	45%	46%	46%	48%	51%
Engine 4		83%	87%	88%	87%	89%	92%	93%	93%	91%	88%	87%	87%	88%	88%	89%	90%	90%

		Tuesday 9/1/2015	Wednesday 9/2/2015	Thursday 9/3/2015	Friday 9/4/2015	Saturday 9/5/2015	Sunday 9/6/2015	Monday 9/7/2015	Tuesday 9/8/2015	Wednesday 9/9/2015	Thursday 9/10/2015	Friday 9/11/2015	Saturday 9/12/2015	Sunday 9/13/2015	Monday 9/14/2015	Tuesday 9/15/2015	Wednesday 9/16/2015	Thursday 9/17/2015
Cumulative by Facility in month																		
Max cumulative available engine run hours		96	192	288	384	480	576	672	768	864	960	1,056	1,152	1,248	1,344	1,440	1,536	1,632
Actual cumulative engine run hours		96	185	279	357	429	500	573	655	742	838	927	1,016	1,112	1,207	1,303	1,397	1,493
Cumulative Availability, %		100.0%	96.4%	96.9%	93.0%	89.4%	86.8%	85.3%	85.3%	85.9%	87.3%	87.8%	88.2%	89.1%	89.8%	90.5%	91.0%	91.5%
Max cumulative gross output, kWhr		79,200	158,400	237,600	316,800	396,000	475,200	554,400	633,600	712,800	792,000	871,200	950,400	1,029,600	1,108,800	1,188,000	1,267,200	1,346,400
Actual cumulative gross output, kWhr		64,415	126,121	188,151	236,957	296,763	356,565	416,373	478,860	539,723	604,422	667,348	729,129	797,434	862,870	928,893	993,273	1,061,002
Cumulative Capacity Factor		81.3%	79.6%	79.2%	74.8%	74.9%	75.0%	75.1%	75.6%	75.7%	76.3%	76.6%	76.7%	77.5%	77.8%	78.2%	78.4%	78.8%
Cumulative fuel input, MMBtu HHV		826	1,607	2,425	3,146	3,920	4,655	5,415	6,211	6,983	7,771	8,543	9,313	10,142	10,927	11,749	12,557	13,396
Cumulative gross output, kWhr		64,415	126,121	188,151	236,957	296,763	356,565	416,373	478,860	539,723	604,422	667,348	729,129	797,434	862,870	928,893	993,273	1,061,002
Heat Rate																		
Daily heat rate, Btu/kWe gross LHV		11,545	11,388	11,875	13,300	11,641	11,067	11,438	11,479	11,418	10,964	11,034	11,227	10,924	10,791	11,212	11,298	11,154
Daily heat rate, Btu/kWe gross HHV		12,825	12,650	13,192	14,775	12,932	12,294	12,706	12,751	12,684	12,179	12,257	12,471	12,135	11,987	12,455	12,550	12,391
Cumulative heat rate, Btu/kWe gross LHV		11,545	11,468	11,602	11,952	11,889	11,751	11,706	11,677	11,648	11,574	11,523	11,498	11,449	11,399	11,386	11,380	11,366
Cumulative heat rate, Btu/kWe gross HHV		12,825	12,739	12,889	13,277	13,208	13,054	13,004	12,971	12,939	12,858	12,801	12,773	12,718	12,663	12,648	12,642	12,626
Cumulative by Facility starting Calendar Year																		
Max cumulative available engine run hours		22,940	23,036	23,132	23,228	23,324	23,420	23,516	23,612	23,708	23,804	23,900	23,996	24,092	24,188	24,284	24,380	24,476
Actual cumulative engine run hours		17,912	18,001	18,095	18,173	18,245	18,316	18,389	18,471	18,558	18,654	18,743	18,832	18,928	19,023	19,119	19,213	19,309
Cumulative Availability, %		78.1%	78.1%	78.2%	78.2%	78.2%	78.2%	78.2%	78.2%	78.3%	78.4%	78.4%	78.5%	78.6%	78.6%	78.7%	78.8%	78.9%
Max cumulative gross output, kWhr		18,925,500	19,004,700	19,083,900	19,163,100	19,242,300	19,321,500	19,400,700	19,479,900	19,559,100	19,638,300	19,717,500	19,796,700	19,875,900	19,955,100	20,034,300	20,113,500	20,192,700
Actual cumulative gross output, kWhr		13,940,329	14,002,035	14,064,065	14,112,871	14,172,677	14,232,479	14,292,287	14,354,774	14,415,637	14,480,336	14,543,262	14,605,043	14,673,348	14,738,784	14,804,807	14,869,187	14,936,916
Cumulative Capacity Factor		73.7%	73.7%	73.7%	73.6%	73.7%	73.7%	73.7%	73.7%	73.7%	73.7%	73.8%	73.8%	73.8%	73.9%	73.9%	73.9%	74.0%
Cumulative fuel input, MMBtu HHV		175,396	176,177	176,995	177,716	178,490	179,225	179,985	180,781	181,553	182,341	183,113	183,883	184,712	185,497	186,319	187,127	187,966
Cumulative gross output, kWhr		13,940,329	14,002,035	14,064,065	14,112,871	14,172,677	14,232,479	14,292,287	14,354,774	14,415,637	14,480,336	14,543,262	14,605,043	14,673,348	14,738,784	14,804,807	14,869,187	14,936,916
Cumulative heat rate, Btu/kWe gross LHV		11,326	11,326	11,329	11,336	11,337	11,336	11,336	11,337	11,337	11,336	11,334	11,334	11,332	11,330	11,329	11,329	11,328
Cumulative heat rate, Btu/kWe gross HHV		12,582	12,582	12,585	12,592	12,594	12,593	12,593	12,594	12,594	12,592	12,591	12,590	12,588	12,586	12,585	12,585	12,584
Service																		
Engine 1																		
Engine 2																		
Engine 3				Oil leak from seal									TecJet or Proact					
Engine 4																		
Oil - oil and filter change						Nstar trip Radio Replacement												
Service - plugs, air filter, valve inspection and adjustment																		
Precipitation																		
NSTAR Power Reports																		
Date		9/1/2015	9/2/2015	9/3/2015	9/4/2015	9/5/2015	9/6/2015	9/7/2015	9/8/2015	9/9/2015	9/10/2015	9/11/2015	9/12/2015	9/13/2015	9/14/2015	9/15/2015	9/16/2015	9/17/2015
Hour																		
1		2,595	2,595	2,537	2,448	2,414	2,414	2,414	2,408	2,598	2,625	2,629	2,623	2,793	2,631	2,677	2,629	2,734
2		2,600	2,600	2,646	2,405	2,409	2,410	2,409	2,404	2,594	2,622	2,636	2,622	2,791	2,627	2,673	2,626	2,730
3		2,600	2,600	2,598	2,309	2,412	2,412	2,412	2,406	2,596	2,623	2,640	2,625	2,795	2,629	2,675	2,628	2,731
4		2,596	2,596	2,592	2,398	2,414	2,414	2,414	2,409	2,599	2,626	2,237	2,626	2,798	2,631	2,677	2,632	2,734
5		2,600	2,601	2,596	2,404	2,410	2,410	2,409	2,405	2,595	2,622	1,883	2,687	2,794	2,628	2,674	2,629	2,729
6		2,602	2,600	2,598	2,408	2,412	2,412	2,412	2,407	2,597	2,577	1,506	2,697	2,798	2,630	2,675	2,630	2,730
7		2,597	2,347	2,594	2,403	2,414	2,416	2,414	2,411	2,599	2,580	1,510	2,698	2,800	2,629	2,678	2,634	2,734
8		2,600	2,064	2,586	2,407	2,408	2,411	2,409	2,404	2,594	2,615	1,919	2,693	2,798	2,621	2,667	2,629	2,657
9		2,512	2,371	2,549	2,406	2,408	2,410	2,409	2,401	2,468	2,520	2,747	2,691	2,802	2,589	2,657	2,651	2,699
10		2,576	2,362	2,368	2,387	2,406	2,411	2,408	2,395	2,125	2,511	2,859	2,713	2,804	2,229	2,657	2,610	2,719
11		2,579	2,357	2,053	2,384	2,396	2,405	2,401	2,384	1,956	2,508	2,752	2,633	2,801	2,619	2,658	2,814	2,712
12		2,582	2,357	2,440	2,386	2,405	2,404	2,403	2,386	2,120	2,513	2,552	2,549	2,801	2,655	2,659	2,770	2,714
13		2,455	2,527	2,522	2,381	2,407	2,395	2,402	2,391	2,026	2,523	2,718	2,810	2,766	2,343	2,663	2,698	2,713
14		2,588	2,671	2,437	2,395	2,403	2,398	2,397	2,400	1,657	2,574	2,800	2,807	2,719	2,647	2,660	2,508	2,714
15		2,587	2,673	2,414	86	2,404	2,404	2,399	2,664	2,012	2,620	2,811	2,200	2,723	2,713	2,660	2,332	2,720
16		2,580	2,657	2,419	-	2,407	2,407	2,402	2,673	2,192	2,622	2,813	2,013	2,725	2,718	2,663	2,012	2,725
17		2,589	2,654	2,483	-	2,403	2,403	2,399	2,675	2,436	2,619	2,805	2,010	2,722	2,717	2,624	2,257	2,722
18		2,595	2,654	2,452	-	2,407	2,408	2,403	2,658	2,719	2,624	2,812	2,013	2,722	2,722	2,620	2,630	2,728
19		2,592	2,566	2,445	1,291	2,410	2,411	2,406	2,637	2,725	2,627	2,815	2,016	2,720	2,725	2,624	2,273	2,732
20		2,598	2,500	2,450	2,360	2,407	2,408	2,402	2,634	2,724	2,623	2,755	2,011	2,718	2,720	2,621	2,633	2,729
21		2,599	2,472	2,453	2,409	2,409	2,411	2,406	2,639	2,669	2,624	2,692	2,011	2,720	2,700	2,624	2,670	2,730
22		2,595	2,142	2,448	2,413	2,413	2,413	2,408	2,643	2,625	2,626	2,622	2,451	2,720	2,676	2,627	2,736	2,733
23		2,599	2,299	2,452	2,408	2,408	2,409	2,404	2,639	2,620	2,623	2,619	2,732	2,634	2,673	2,624	2,731	2,729
24		2,600	2,091	2,453	2,411	2,412	2,412	2,406	2,620	2,623	2,626	2,621	2,783	2,627	2,675	2,626	2,732	2,731
TOTAL		62,016	59,356	59,585	46,899	57,798	57,808	57,748	60,093	58,469	62,273	60,753	59,714	66,091	63,147	63,663	62,094	65,329
Cumulative Output Sold, kWhr		62,016	121,372	180,957	227,856	285,654	343,462	401,210	461,303	519,772	582,045	642,798	702,512	768,603	831,750	895,413	957,507	1,022,836
Transformer and line efficiency		99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.8%	99.7%	99.8%	99.8%	99.8%	99.8%	99.7%
Hourly average		2,584	2,473	2,483	1,954	2,408	2,409	2,406	2,504	2,436	2,595	2,531	2,488	2,754	2,631	2,653	2,587	2,722

SEPTEMBER 2015																
CNBE Daily Reports Summary Data																
	Friday 9/18/2015	Saturday 9/19/2015	Sunday 9/20/2015	Monday 9/21/2015	Tuesday 9/22/2015	Wednesday 9/23/2015	Thursday 9/24/2015	Friday 9/25/2015	Saturday 9/26/2015	Sunday 9/27/2015	Monday 9/28/2015	Tuesday 9/29/2015	Wednesday 9/30/2015	TOTAL	Biogas	LFG
LFG and Biogas Flow to the Engine	1,610	1,606	1,534	1,402	1,361	1,352	1,286	1,210	1,613	1,512	1,374	1,565	1,519	44,408	2,842	41,566
LFG and Biogas Flow to the Engine (t)	831	833	791	747	745	735	695	602	830	795	740	823	816	23,378	1,956	21,422
LFG and Biogas Flow to the Flare (t)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.4%	92%
LFG and Biogas Flow to the Flare (M)	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
LFG and Biogas Total Flow (KSCF)	1,610	1,606	1,534	1,402	1,361	1,352	1,286	1,210	1,613	1,512	1,374	1,565	1,519	44,408		
LFG and Biogas Total Flow (MMBTU)	831	833	791	747	745	735	695	602	830	795	740	823	816	23,378		
Average Methane Content (%)	51.0	51.2	50.9	52.6	54.1	53.7	53.4	49.1	50.8	52.0	53.2	52.0	53.1	52.0		
Engine 1 Hours	23	24	24	24	24	24	19	20	24	24	24	24	24	710		
Engine 2 Hours	24	24	24	7	8	24	21	20	24	24	24	24	24	673		
Engine 3 Hours	24	24	24	24	23	22	24	19	24	16	11	24	24	569		
Engine 4 Hours	24	24	24	24	24	7	8	10	24	24	24	22	20	657		
Generator 1 Power Output (kW/hr)	18,370	19,044	18,692	19,622	19,642	19,458	14,974	15,404	18,480	19,178	19,862	19,864	20,126	558,898		
Generator 2 Power Output (kW/hr)	12,098	12,100	12,098	3,610	3,748	17,384	16,906	15,290	19,128	19,334	19,968	19,972	20,240	487,072		
Generator 3 Power Output (kW/hr)	17,952	17,952	17,952	18,458	17,298	16,598	19,204	11,554	14,384	9,014	5,042	16,262	19,180	354,452		
Generator 4 Power Output (kW/hr)	17,948	17,952	17,198	18,838	19,550	5,584	3,406	5,950	16,176	17,544	19,942	11,848	8,350	475,844		
Gross Power Output (kW/hr)	66,339	67,017	65,899	60,495	60,205	59,018	54,432	48,223	68,202	65,117	64,817	67,929	67,866	1,876,561		
Net Power Output (kW/hr)	64,112	64,856	63,736	58,688	58,432	57,176	52,616	46,800	66,280	63,320	63,040	65,904	65,922	1,816,610		
Power Sold as metered by NStar, (kWh)	63,959	64,708	63,594	58,558	58,273	57,068	52,507	46,711	66,191	63,240	62,839	65,726	64,852	1,811,062	CRMCB inplant	
Offgrid REC's (kW/hr)	2,227	2,161	2,163	1,807	1,773	1,841	1,816	1,423	1,922	1,797	1,777	2,025	1,944	59,950	8,682	
Calculated Performance Results																
Daily																
Power output (kW average when operating)															14%	
Generator 1	799	794	779	818	818	811	788	770	770	799	828	828	839		of total in-plant power	
Generator 2	504	504	504	516	469	724	805	765	797	806	832	832	843			
Generator 3	748	748	748	769	752	754	800	608	599	563	458	678	799			
Generator 4	748	748	717	785	815	798	426	595	674	731	831	539	418			
Power output (kW average over 24 hours)																
Facility Gross	2,764	2,792	2,746	2,521	2,509	2,459	2,268	2,009	2,842	2,713	2,701	2,830	2,828			
Facility Net	2,671	2,702	2,656	2,445	2,435	2,382	2,192	1,950	2,762	2,638	2,627	2,746	2,747			
In-plant load	93	90	90	75	74	77	76	59	80	75	74	84	81			
Daily availability factor																
Facility	99%	100%	100%	82%	82%	80%	75%	72%	100%	92%	86%	98%	96%			
Engine 1	96%	100%	100%	100%	100%	100%	79%	83%	100%	100%	100%	100%	100%			
Engine 2	100%	100%	100%	29%	33%	100%	88%	83%	100%	100%	100%	100%	100%			
Engine 3	100%	100%	100%	100%	96%	92%	100%	79%	100%	67%	46%	100%	100%			
Engine 4	100%	100%	100%	100%	100%	29%	33%	42%	100%	100%	100%	92%	83%			
Daily capacity factor																
Facility	84%	85%	83%	76%	76%	75%	69%	61%	86%	82%	82%	86%	86%			
Engine 1	97%	96%	94%	99%	99%	98%	96%	93%	97%	100%	100%	100%	102%			
Engine 2	61%	61%	61%	63%	57%	88%	98%	93%	97%	98%	101%	101%	102%			
Engine 3	91%	91%	91%	93%	91%	91%	97%	74%	73%	68%	56%	82%	97%			
Engine 4	91%	91%	87%	95%	99%	97%	52%	72%	82%	89%	101%	65%	51%			
Cumulative by engine																
Engine operating run hours in the month																
Max Cumulative Available, (hrs)	432	456	480	504	528	552	576	600	624	648	672	696	720			
Engine 1	431	455	479	503	527	551	570	590	614	638	662	686	710			
Engine 2	425	449	473	480	488	512	533	553	577	601	625	649	673			
Engine 3	310	334	358	382	405	427	451	470	494	510	521	545	569			
Engine 4	422	446	470	494	518	525	533	543	567	591	615	637	657			
Engine operating run hours total																
Engine 1	78,023	78,047	78,071	78,095	78,119	78,143	78,162	78,182	78,206	78,230	78,254	78,278	78,302			
Engine 2	74,463	74,487	74,511	74,518	74,526	74,550	74,571	74,591	74,615	74,639	74,663	74,687	74,711			
Engine 3	77,191	77,215	77,239	77,263	77,286	77,308	77,332	77,351	77,375	77,391	77,402	77,426	77,450			
Engine 4	73,831	73,855	73,879	73,903	73,927	73,934	73,942	73,952	73,976	74,000	74,024	74,046	74,066			
Cumulative availability, %																
Engine 1	100%	100%	100%	100%	100%	100%	99%	98%	98%	98%	99%	99%	99%			
Engine 2	98%	98%	99%	95%	92%	93%	93%	92%	92%	93%	93%	93%	93%			
Engine 3	72%	73%	75%	76%	77%	77%	78%	78%	79%	79%	78%	78%	79%			
Engine 4	98%	98%	98%	98%	98%	95%	93%	91%	91%	91%	92%	92%	91%			
Engine cumulative gross output																
Max cumulative capacity on engine	14,850	15,675	16,500	17,325	18,150	18,975	19,800	20,625	21,450	22,275	23,100	23,925	24,750			
Engine 1	13,973	14,766	15,545	16,363	17,181	17,992	18,780	19,550	20,320	21,119	21,947	22,775	23,613			
Engine 2	13,034	13,538	14,042	14,558	15,026	15,750	16,555	17,320	18,117	18,923	19,755	20,587	21,430			
Engine 3	7,856	8,604	9,352	10,121	10,873	11,627	12,428	13,036	13,635	14,198	14,657	15,334	16,134			
Engine 4	13,331	14,079	14,795	15,580	16,395	17,192	17,618	18,213	18,887	19,618	20,449	20,988	21,405			
Cumulative capacity factor, %																
Engine 1	94%	94%	94%	94%	95%	95%	95%	95%	95%	95%	95%	95%	95%			
Engine 2	88%	86%	85%	84%	83%	83%	84%	84%	84%	85%	86%	86%	87%			
Engine 3	53%	55%	57%	58%	60%	61%	63%	63%	64%	64%	63%	64%	65%			
Engine 4	90%	90%	90%	90%	90%	91%	89%	88%	88%	88%	89%	88%	86%			

	Friday 9/18/2015	Saturday 9/19/2015	Sunday 9/20/2015	Monday 9/21/2015	Tuesday 9/22/2015	Wednesday 9/23/2015	Thursday 9/24/2015	Friday 9/25/2015	Saturday 9/26/2015	Sunday 9/27/2015	Monday 9/28/2015	Tuesday 9/29/2015	Wednesday 9/30/2015	TOTAL	Biogas	LFG
Cumulative by Facility in month																
Max cumulative available engine run h	1,728	1,824	1,920	2,016	2,112	2,208	2,304	2,400	2,496	2,592	2,688	2,784	2,880			
Actual cumulative engine run h	1,588	1,684	1,780	1,859	1,938	2,015	2,087	2,156	2,252	2,340	2,423	2,517	2,609			
Cumulative Availability, %	91.9%	92.3%	92.7%	92.2%	91.8%	91.3%	90.6%	89.8%	90.2%	90.3%	90.1%	90.4%	90.6%			
Max cumulative gross output, kW	1,425,600	1,504,800	1,584,000	1,663,200	1,742,400	1,821,600	1,900,800	1,980,000	2,059,200	2,138,400	2,217,600	2,296,800	2,376,000			
Actual cumulative gross output, kW	1,127,341	1,194,358	1,260,257	1,320,752	1,380,957	1,439,975	1,494,407	1,542,630	1,610,832	1,675,949	1,740,766	1,808,695	1,876,561			
Cumulative Capacity Factor	79.1%	79.4%	79.6%	79.4%	79.3%	79.1%	78.6%	77.9%	78.2%	78.4%	78.5%	78.7%	79.0%			
Cumulative fuel input, MMBtu H	14,227	15,060	15,850	16,597	17,342	18,077	18,772	19,374	20,203	20,999	21,739	22,562	23,378			
Cumulative gross output, kWhr	1,127,341	1,194,358	1,260,257	1,320,752	1,380,957	1,439,975	1,494,407	1,542,630	1,610,832	1,675,949	1,740,766	1,808,695	1,876,561			
Heat Rate																
Daily heat rate, Btu/kWe gross	11,275	11,184	10,804	11,108	11,141	11,211	11,494	11,228	10,951	10,994	10,279	10,909	10,820			
Daily heat rate, Btu/kWe gross	12,525	12,424	12,002	12,340	12,376	12,454	12,768	12,473	12,165	12,213	11,418	12,119	12,019			
Cumulative heat rate, Btu/kWe	11,360	11,350	11,322	11,312	11,305	11,301	11,308	11,305	11,290	11,279	11,242	11,229	11,214			
Cumulative heat rate, Btu/kWe	12,620	12,609	12,577	12,566	12,558	12,554	12,562	12,559	12,542	12,529	12,488	12,474	12,458			
Cumulative by Facility starting C																
Max cumulative available engine run h	24,572	24,668	24,764	24,860	24,956	25,052	25,148	25,244	25,340	25,436	25,532	25,628	25,724			
Actual cumulative engine run h	19,404	19,500	19,596	19,675	19,754	19,831	19,903	19,972	20,068	20,156	20,239	20,333	20,425			
Cumulative Availability, %	79.0%	79.0%	79.1%	79.1%	79.2%	79.2%	79.1%	79.1%	79.2%	79.2%	79.3%	79.3%	79.4%			
Max cumulative gross output, kW	20,271,900	20,351,100	20,430,300	20,509,500	20,588,700	20,667,900	20,747,100	20,826,300	20,905,500	20,984,700	21,063,900	21,143,100	21,222,300			
Actual cumulative gross output, kW	15,003,255	15,070,272	15,136,171	15,196,666	15,256,871	15,315,889	15,370,321	15,418,544	15,486,746	15,551,863	15,616,680	15,684,609	15,752,475			
Cumulative Capacity Factor	74.0%	74.1%	74.1%	74.1%	74.1%	74.1%	74.1%	74.0%	74.1%	74.1%	74.1%	74.2%	74.2%			
Cumulative fuel input, MMBtu H	188,797	189,630	190,420	191,167	191,912	192,647	193,342	193,944	194,773	195,569	196,309	197,132	197,948			
Cumulative gross output, kWhr	15,003,255	15,070,272	15,136,171	15,196,666	15,256,871	15,315,889	15,370,321	15,418,544	15,486,746	15,551,863	15,616,680	15,684,609	15,752,475			
Cumulative heat rate, Btu/kWe	11,328	11,327	11,325	11,324	11,323	11,323	11,324	11,323	11,322	11,320	11,316	11,314	11,312			
Cumulative heat rate, Btu/kWe	12,584	12,583	12,580	12,580	12,579	12,578	12,579	12,579	12,577	12,575	12,570	12,568	12,566			
Service																
Engine 1																
Engine 2				Top-end overhaul	Top-end completed											
Engine 3																
Engine 4						Top-end overhaul	Top-end completed									
Oil - oil and filter change								3C breakers cleaning	3C main breaker cleaning							
Service - plugs, air filter, valve inspection								Facility outage for Utility breaker cleaning and relay testing								
Precipitation																
NSTAR Power Reports	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday			
Date	9/18/2015	9/19/2015	9/20/2015	9/21/2015	9/22/2015	9/23/2015	9/24/2015	9/25/2015	9/26/2015	9/27/2015	9/28/2015	9/29/2015	9/30/2015	TOTAL		
Hour																
1	2,735	2,701	2,702	2,653	2,377	2,757	2,360	2,340	2,809	2,809	2,429	2,902	2,801			
2	2,731	2,697	2,697	2,650	2,373	2,753	2,357	2,337	2,775	2,807	2,426	2,903	2,797			
3	2,731	2,699	2,697	2,652	2,374	2,754	2,357	2,338	2,759	2,807	2,425	2,903	2,797			
4	2,732	2,701	2,700	2,656	2,377	2,757	2,360	2,346	2,761	2,810	2,429	2,906	2,801			
5	2,730	2,698	2,695	2,652	2,373	2,753	2,357	2,343	2,756	2,807	2,426	2,904	2,797			
6	2,675	2,700	2,696	2,653	2,374	2,754	2,357	2,344	2,757	2,807	2,426	2,903	2,798			
7	2,655	2,703	2,698	2,657	2,377	2,757	2,360	2,347	2,730	2,809	2,430	2,544	2,804			
8	2,649	2,700	2,689	2,458	2,284	2,259	1,676	1,372	2,710	2,807	2,426	2,101	2,801			
9	2,135	2,700	2,635	2,385	2,165	2,358	1,540	-	2,708	2,806	2,417	2,590	2,585			
10	2,500	2,699	2,601	2,180	2,260	2,358	1,546	-	2,710	2,763	2,415	2,660	2,188			
11	2,701	2,685	2,596	2,378	1,839	2,348	1,544	-	2,699	2,426	2,405	2,653	2,717			
12	2,708	2,684	2,591	2,209	2,115	2,214	1,541	-	2,698	2,275	2,400	2,653	2,784			
13	2,677	2,694	2,591	2,314	2,263	1,576	2,128	998	2,714	2,699	2,408	2,658	2,791			
14	2,677	2,690	2,585	2,361	2,272	1,573	2,354	1,735	2,754	2,706	2,517	2,660	2,787			
15	2,680	2,691	2,595	2,362	2,313	1,908	2,354	1,742	2,755	2,706	2,790	2,698	2,786			
16	2,686	2,693	2,643	2,365	2,315	2,355	2,448	2,229	2,759	2,710	2,884	2,718	2,792			
17	2,684	2,690	2,643	2,364	2,506	2,350	2,635	2,603	2,756	2,708	2,897	2,770	2,791			
18	2,691	2,692	2,646	2,368	2,781	2,349	2,793	2,801	2,758	2,465	2,900	2,801	2,793			
19	2,695	2,699	2,649	2,374	2,759	2,354	2,763	2,807	2,785	2,387	2,901	2,803	2,796			
20	2,695	2,696	2,647	2,372	2,755	2,352	2,560	2,804	2,806	2,423	2,898	2,800	2,794			
21	2,697	2,698	2,647	2,373	2,755	2,355	2,025	2,804	2,807	2,424	2,897	2,799	2,627			
22	2,700	2,700	2,651	2,376	2,758	2,360	2,020	2,809	2,811	2,428	2,900	2,802	2,411			
23	2,698	2,698	2,649	2,373	2,754	2,357	2,014	2,806	2,807	2,425	2,896	2,798	2,407			
24	2,697	2,700	2,651	2,373	2,754	2,357	2,058	2,806	2,807	2,426	2,897	2,797	2,407			
TOTAL	63,959	64,708	63,594	58,558	58,273	57,068	52,507	46,711	66,191	63,240	62,839	65,726	64,852			
Cumulative Output Sold, kW	1,086,795	1,151,503	1,215,097	1,273,655	1,331,928	1,388,996	1,441,503	1,488,214	1,554,405	1,617,645	1,680,484	1,746,210	1,811,062			
Transformer and line efficiency	99.8%	99.8%	99.8%	99.8%	99.7%	99.8%	99.8%	99.8%	99.9%	99.9%	99.7%	99.7%	98.4%	0.0%		
Hourly average	2,665	2,696	2,650	2,440	2,428	2,378	2,188	1,946	2,758	2,635	2,618	2,739	2,702	2,515		

Exhibit 6

Compilation of gas flow rate calibrations and methane content calibration reports for the periods.

Landfill Gas Flow Calculation											
Crapo Hill Landfill, New Bedford/Dartmouth, Massachusetts											
Note: Calculation of volumetric flow of LFG through a pipe using a pitot tube and manometer.											
		Engine 1, kW	800	-	825	630	830	830	830	830	784
		Engine 2, kW	-	790	-	630	830	830	830	830	796
		Engine 3, kW	800	790	825	600	830	830	830	830	422
		Engine 4, kW	800	790	825	590	-	-	-	-	788
		Gross, kW	2,400	2,370	2,475	2,450	2,490	2,490	2,490	2,490	2,790
MEASURING INSTRUMENT:		Pitot Tube:	166	167	166	166	166	166	166	166	166
		Manometer:	Dwyer Mark II	Dwyer Mark II	Dwyer Mark II	Dwyer Mark II	Dwyer Mark II	Dwyer Mark II	Dwyer Mark II	Dwyer Mark II	Dwyer Mark II
DATE OF MEASUREMENT:			8-Jan-15	6-Feb-15	25-Mar-15	8-Apr-15	7-May-15	10-Jun-15	15-Jul-15	11-Aug-15	8-Sep-15
TIME OF MEASUREMENT:			9:00	12:00	15:35	12:00	9:00	12:15	11:30	9:30	16:00
PARAMETERS		UNITS	VALUES	VALUES	VALUES	VALUES	VALUES	VALUES	VALUES	VALUES	VALUES
Pipe dimensions											
Inside Diameter		inches	10.420	10.420	10.420	10.420	10.420	10.420	10.420	10.420	10.420
Area of cross section		square feet	0.5922	0.5922	0.5922	0.5922	0.5922	0.5922	0.5922	0.5922	0.5922
Flow Calculation											
Kp	pitot tube constant	ft/sec((lb/lb-mole)(in. Hg)/(R)(in H2O))^1/2	85.49	85.49	85.49	85.49	85.49	85.49	85.49	85.49	85.49
Cp	Pitot tube coefficient	dimensionless	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
dP	Average velocity pressure of stack gas	in H2O	0.201	0.188	0.192	0.201	0.208	0.191	0.204	0.181	0.250
Blower Inlet											
Ts	Stack temperature	Degrees Fahrenheit	60	60	62	62	67	80	85	85	84
		Degrees Rankine	520	520	522	522	527	540	545	545	544
Pg	Stack static pressure	inch H2O	-60	-58	-54	-59	-59	-59.3	-61	-60	-60
		inch Hg	(4.41)	(4.27)	(3.97)	(4.34)	(4.34)	(4.36)	(4.49)	(4.41)	(4.41)
Ps	Absolute stack gas pressure	inch Hg	25.80	25.83	26.36	26.06	25.86	25.48	25.15	25.52	25.58
Blower Outlet											
Ts	Stack temperature	Degrees Fahrenheit	110	110	118	118	120	121	121	120	120
		Degrees Rankine	570	570	578	578	580	581	581	580	580
Pg	Stack static pressure	inch H2O	55.4	55.4	52.6	52.6	52.6	52.6	55.4	55.4	55.4
		inch Hg	4.07	4.07	3.87	3.87	3.87	3.87	4.07	4.07	4.07
		psig	2.00	2.00	1.90	1.90	1.90	1.90	2.00	2.00	2.00
Pbar	Barometric pressure	inch Hg	30.21	30.10	30.33	30.40	30.20	29.84	29.64	29.93	29.99
Ps	Absolute stack gas pressure	inch Hg	34.28	34.17	34.20	34.27	34.07	33.71	33.71	34.00	34.06
Ms	Molecular weight of stack gas, wet	lb/lb-mole	27.84	28.09	28.82	28.13	27.60	28.10	27.44	27.56	27.76
Vs	Average stack gas velocity	feet per second	32.6	31.4	31.1	32.3	33.5	32.5	34.4	32.0	37.4
Qact	Volumetric Flow	actual cubic feet per minute	1,159	1,114	1,104	1,149	1,190	1,153	1,221	1,138	1,329
Qstd	Volumetric Flow at actual methane content	standard cubic feet per minute *	1,015	977	984	1,013	1,030	960	994	940	1,103
Qstd corr	Volumetric Flow at 50% methane	standard cubic feet per minute **	1,045	973	1,010	958	1,109	1,029	1,090	1,053	1,152
Ht HHV	Heat input	MMBtu per hour HHV	31.73	29.54	30.66	29.08	33.66	31.25	33.08	31.97	34.96
Ht LHV	Heat input	MMBtu per hour LHV	28.57	26.59	27.60	26.18	30.30	28.14	29.78	28.78	31.47
	Methane Content	%, vol/vol wet	51.50%	49.80%	51.33%	47.30%	53.80%	53.60%	54.80%	56.00%	52.20%
Diff. between pitot tube and orifice reading:			0.0%	1.2%	-0.5%	0.9%	0.8%	2.2%	0.6%	-0.5%	-1.6%
dP	Delta pressure across orifice plate	inches H2O	7.80	7.10	7.50	7.70	8.10	7.00	7.80	7.00	9.80
Qact											

Landfill Gas Flow Measurements									
Crapo Hill Landfill, New Bedford/Dartmouth, Massachusetts									
Measurements by	TY/DD	TY/DD	TY/RB	TY/DD	TY/DD	TY/RB	TY/RB	TY/RB	TY/RB
Date	8-Jan-15	6-Feb-15	25-Mar-15	8-Apr-15	7-May-15	10-Jun-15	15-Jul-15	11-Aug-15	8-Sep-15
Time	9:00	12:00	15:35	12:00	9:00	12:15	11:30	9:30	16:00
Flow valve									
Pipe inside diameter, inches	10.42	10.42	10.42	10.42	10.42	10.42	10.42	10.42	10.42
Orifice measurement, cfm	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ambient Temperature, F	11	15	40	40	61	40	76	70	79
Barometric Pressure, In Hg	30.21	30.10	30.33	30.40	30.20	29.84	29.64	29.93	29.99
Blower Inlet Temperature, F	60	60	62	62	67	80	85	85	84
Outlet Temperature, F	110	110	118	118	120	121	121	120	120
Blower Inlet Pressure (SP), In H2O	-60	-58	-54	-59	-59	-59.3	-61	-60	-60
Blower Outlet Pressure, PSIG	2.0	2.0	1.9	1.9	1.9	1.9	2.0	2.0	2.0
Blower Outlet Pressure, In H2O	55.36	55.36	52.59	52.59	52.59	52.59	55.36	55.36	55.36
Measurement									
Manometer									
Pitot Tube									
Velocity Pressure (dP)									
Point									
1	0.21	0.19	0.19	0.21	0.22	0.19	0.21	0.19	0.26
2	0.21	0.19	0.20	0.21	0.22	0.20	0.21	0.19	0.26
3	0.21	0.19	0.19	0.21	0.21	0.20	0.21	0.18	0.25
4	0.20	0.19	0.19	0.20	0.21	0.20	0.21	0.18	0.25
5	0.20	0.19	0.20	0.20	0.21	0.19	0.20	0.18	0.25
6	0.20	0.19	0.20	0.20	0.20	0.19	0.20	0.18	0.25
7	0.20	0.19	0.19	0.20	0.20	0.19	0.20	0.18	0.25
8	0.19	0.19	0.20	0.19	0.20	0.19	0.20	0.18	0.24
9	0.19	0.17	0.18	0.19	0.20	0.17	0.20	0.17	0.24
Average	0.201	0.188	0.192	0.201	0.208	0.191	0.204	0.181	0.250
Gas Composition									
Compound, %v/v									
Methane (CH4)	51.5%	49.8%	51.3%	47.3%	53.8%	53.6%	54.8%	56.0%	52.2%
Carbon dioxide (CO2)	38.5%	38.6%	44.5%	37.0%	39.0%	42.8%	39.9%	39.9%	40.0%
Oxygen (O2)	1.05%	1.60%	1.10%	2.00%	0.90%	0.65%	0.70%	0.50%	0.60%
Balance gas	8.90%	10.00%	3.04%	13.70%	6.30%	3.04%	4.60%	4.60%	7.20%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	101.0%	100.0%
Moisture (H2O) (included in balance gas)	1.7%	1.7%	1.9%	1.9%	2.2%	3.5%	4.0%	4.0%	4.0%
Molecular weight, lb/lb-mole wet	27.84	28.09	28.82	28.13	27.60	28.10	27.44	27.56	27.76

CommonWealth New Bedford Energy, LLC
Greater New Bedford LFG Utilization Project
300 Samuel Barnett Blvd.
New Bedford, Massachusetts
(508) 985-0923

'California Analytical' Analyzer Calibration Results

[illegible]

Commonwealth New Bedford Energy, LLC
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'California Analytical' Analyzer Calibration Results

Month: April 2015		Methane (% v/v) measurements							Oxygen (% v/v) measurements			
Week	Date	LFG Temp @ blower inlet	Cal Gas dry	Cal Gas wet	Pre-calibration	Zero gas	Span gas	Post-calibration	Pre-calibration	Zero gas	Span gas	Post-calibration
3/29/15	4/3/15	62 Deg F	55%	54.62%	46.98%	0.06%	55.73%	47.07%	1.28%	0.08%	8.94%	1.64%
4/5/15	****											
4/12/15	****											
4/19/15	****											
4/26/15	****											

**** Analyzer removed from service for factory maintenance on 9Apr15 it was returned to service on 1May15****

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'California Analytical' Analyzer Calibration Results

Month: May 2015		Methane (% v/v) measurements							Oxygen (% v/v) measurements			
Week	Date	LFG Temp @ blower inlet	Cal Gas dry	Cal Gas wet	Pre-calibration	Zero gas	Span gas	Post-calibration	Pre-calibration	Zero gas	Span gas	Post-calibration
5/3/15	5/8/15	71 Deg F	55%	54.49%	52.90%	0.67%	55.26%	52.08%	1.52%	0.47%	9.04%	1.03%
5/10/15	5/14/15	73 Deg F	55%	54.46%	56.25%	0.55%	54.35%	56.12%	1.09%	0.52%	9.15%	1.02%
5/17/15	5/22/15	74 Deg F	55%	54.44%	55.11%	0.50%	54.26%	53.79%	-9.18%	-1.11%	9.25%	0.55%
5/24/15	5/28/15	76 Deg F	55%	54.40%	53.38%	0.62%	55.20%	53.25%	0.94%	0.47%	9.05%	0.91%

5-22-15 reading neg for O2 due to plant outage the prior day analyzer was recalibrated and reading is within normal spec.

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[illegible]

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'California Analytical' Analyzer Calibration Results

[illegible]

ISSUED BY: Landtec North America Instrument Services Facility

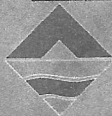
Date Of Calibration: February 3, 2015

Certificate Number: G502529_4/14815

PJLA
Calibration
Accreditation
No. 66916

Page 1 of 2

Approved By Signatory



LANDTEC

Landtec North America Instrument Services Facility, 850
South Via Lata, Suite 112, Colton CA, 92324
www.landtecnica.com

Andrew Arambula
Laboratory Inspection

Customer: Diamond System
55 East Broad St
Titusville, FL 32796
USA

Description: GEM5000

Model: GEM5000
Serial Number: G502529

Accredited Results:

Methane (CH ₄)		
Certified Gas (%)	Instrument Reading (%)	Uncertainty (%)
5.0	4.8	0.42
15.0	14.8	0.66
50.0	49.5	1.03

Carbon Dioxide (CO ₂)		
Certified Gas (%)	Instrument Reading (%)	Uncertainty (%)
5.0	4.8	0.43
15.0	14.7	0.71
50.0	50.0	1.19

Oxygen (O ₂)		
Certified Gas (%)	Instrument Reading (%)	Uncertainty (%)
21.0	21.0	0.25

Gas cylinders are traceable and details can be provided if requested.

CH₄, CO₂ readings recorded at: 33.9 °C/93.1 °F

Barometric Pressure: 29.02 "Hg

O₂ readings recorded at: 23.6 °C/74.4 °F

Method of Test: The analyzer is calibrated in a temperature controlled chamber using reference gases. All analyzers are calibrated in accordance with our procedure ISP-17 using high purity grade gas.

All calibrations are performed in accordance with ISO 17025 at LANDTEC, an ISO 17025:2005 – accredited service facility through PJLA.

The reported expanded uncertainty is based on a standard uncertainty multiplied by a coverage factor of $k=2$, providing a level of confidence of approximately 95%. The uncertainty evaluation has been carried out in accordance with NIST requirements.

The calibration results published in this certificate were obtained using equipment capable of producing results that are traceable through NIST to the International System of Units (SI). Certification only applies to results shown. This certificate may not be reproduced other than in full, except with the prior written approval of the issuing laboratory.

LP015LNANIST-1.1

LANDTEC North America Instrument Services Facility - 850 South Via Lata, Suite 112, Colton, CA 92324

Device ID	Date/Time	CH4	CO2	O2	Balance	Init. Static	Adj. Static	Init. Diff. P	Adj. Diff. P	Init. Gas T	Adj. Gas T	Init. Flow	Adj. Flow	Init. Power	Adj. Power	Baro. Press.
GEM™5000; G5 V1_11_16; LSGA	%	%	%	%	%	inches H2O	inches H2O	inches H2O	inches H2O	DegF	DegF	SCFM	SCFM	e3BTU/h	e3BTU/h	inches Hg
CH4CONTR	4/9/2015 11:49	50.0	35.0	0.0	15.0	0.04	0.04	0.004	0.004	68	68	4	4	121.4	121.4	30.00
CH4CONTR	4/10/2015 9:10	50.1	35.0	0.0	14.9	0.04	0.04	0.004	0.004	68	68	4	4	121.4	121.4	29.80
CH4CONTR	4/11/2015 9:40	49.8	35.0	0.0	15.2	0.03	0.03	0.004	0.004	68	68	4	4	121.4	121.4	29.90
CH4CONTR	4/13/2015 9:31	49.9	35.0	0.0	15.1	0.04	0.04	0.004	0.004	68	68	4	4	121.4	121.4	30.20
CH4CONTR	4/14/2015 9:40	49.9	35.0	0.0	15.1	0.05	0.05	0.004	0.004	68	68	4	4	121.4	121.4	29.95
CH4CONTR	4/15/2015 10:05	50.0	35.0	0.0	15.0	0.05	0.05	0.004	0.004	67	67	4	4	121.4	121.4	30.34
CH4CONTR	4/16/2015 9:35	49.9	35.0	0.0	15.1	0.05	0.05	0.004	0.005	68	68	4	4.5	121.4	136.6	30.27
CH4CONTR	4/17/2015 9:52	50.0	35.0	0.0	15.0	0.04	0.04	0.004	0.004	69	69	4	4.5	121.4	136.6	29.92
CH4CONTR	4/18/2015 9:05	49.9	35.0	0.0	15.1	0.05	0.05	0.004	0.004	70	70	4	4	121.4	121.4	29.85
CH4CONTR	4/20/2015 11:30	49.9	35.0	0.0	15.1	0.05	0.05	0.004	0.004	69	69	4	4	121.4	121.4	29.80
CH4CONTR	4/21/2015 9:45	50.1	35.0	0.0	14.9	0.04	0.04	0.004	0.004	68	68	4	4	121.4	121.4	29.41
CH4CONTR	4/22/2015 7:50	50.0	35.0	0.0	15.0	0.00	0.00	0.0	0.0	65.0	65.0	0.0	0.0	0.0	0.0	29.67
CH4CONTR	4/23/2015 8:35	50.0	35.0	0.0	15.0	0.04	0.04	0.004	0.004	65	65	5.2	0	157.9	0.0	29.50
CH4CONTR	4/24/2015 9:45	50.1	35.0	0.1	14.8	0.02	0.03	0.009	0.007	63.1	63.1	5.8	5.2	176.1	157.9	29.56
CH4CONTR	4/27/2015 13:17	49.9	35.0	0.0	15.1	0.04	0.04	0.004	0.004	66	66	4	4	121.4	121.4	29.61
CH4CONTR	4/28/2015 10:05	49.8	35.0	0.0	15.2	-0.05	-0.05	-0.023	-0.023	63.7	63.7	0	0	<<>>	<<>>	29.58
CH4CONTR	4/29/2015 10:01	49.9	35.0	0.0	15.1	0.00	0.00	0.0	0.0	66	66	0	0	0.0	0.0	29.53
PLANTCHL	4/9/2015 12:39	47.6	35.3	1.9	15.2	-59.6	-59.6	>>>>	>>>>	66	66	0	0	0	0	30.00
PLANTCHL	4/10/2015 9:25	48.9	36.2	1.5	13.4	-59.9	-59.9	>>>>	>>>>	65.8	65.8	0	0	0	0	29.80
PLANTCHL	4/11/2015 9:54	53.0	39.8	1.0	6.2	-52.5	-52.5	>>>>	>>>>	67.2	67.2	0	0	0	0	29.90
PLANTCHL	4/13/2015 9:50	50.0	42.2	1.8	6.0	-53.9	-53.9	>>>>	>>>>	69	68.9	0	0	<<>>	0	30.20
PLANTCHL	4/14/2015 9:55	51.0	42.6	1.7	4.7	-44.5	-44.6	>>>>	>>>>	61.3	61	0	0	0	0	29.98
PLANTCHL	4/15/2015 10:23	50.0	43.3	1.6	5.1	-38.5	-38.5	>>>>	>>>>	66.9	67	0	0	0	0	29.95
PLANTCHL	4/16/2015 10:06	48.0	40.6	2.1	9.3	-58.3	-58.3	>>>>	>>>>	67.6	67.4	0	0	0	0	30.34
PLANTCHL	4/17/2015 10:20	48.0	35.6	1.7	14.7	-58.8	-58.8	>>>>	>>>>	59.4	59.2	0	0	0	0	29.92
PLANTCHL	4/18/2015 9:36	48.0	36.8	1.6	13.6	-59.5	-59.5	>>>>	>>>>	62.3	62.3	0	0	0	0	29.85
PLANTCHL	4/20/2015 0:01	45.5	34.9	1.8	17.8	-62.0	-62.0	>>>>	>>>>	65	65	0	0	0	0	29.80
PLANTCHL	4/21/2015 10:01	48.7	35.7	1.5	14.1	-54.5	-54.4	10.037	10.037	65.1	65	0	0	0	0	29.41
PLANTCHL	4/22/2015 8:01	47.5	35.0	1.9	15.6	-56.4	-56.4	10.037	10.037	57.8	57.7	0	0	0	0	29.67
PLANTCHL	4/23/2015 8:54	46.0	34.4	2.4	17.2	-54.8	-54.8	>>>>	>>>>	55	54.9	0	0	0	0	29.50
PLANTCHL	4/24/2015 9:49	49.0	36.4	1.3	13.3	-52.0	-52.1	>>>>	>>>>	54.6	54.6	0	0	0	0	29.61
PLANTCHL	4/27/2015 13:31	50.4	37.1	1.3	11.2	-54.4	-54.4	>>>>	>>>>	59	58.9	0	0	0	0	29.40
PLANTCHL	4/28/2015 10:22	50.4	36.5	1.4	11.7	-55.8	-56.2	>>>>	>>>>	51.1	51	0	0	0	0	29.61
PLANTCHL	4/29/2015 10:13	51.0	37.7	1.3	10.0	-48.4	-48.4	>>>>	>>>>	64.8	64.6	0	0	0	0	29.53
Standard gas for methane = 50%																

Exhibit 7
Attestation Statement

Attestation Statement

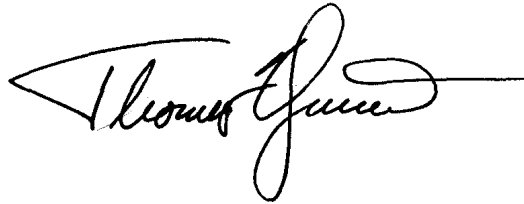
As an officer of Commonwealth New Bedford Energy LLC (CNBE) I hereby certify that the verified carbon units (VCUs) verified under the verified carbon standard (VCS) for the first, second, and third quarters of 2015 from the Project Activity will be registered on the Markit Environmental Registry (formerly TZ1) only, which is an accredited VCS register.

Thomas Yeransian

Name

Principal of Commonwealth Resource Management Corporation,
Member of Commonwealth New Bedford Energy LLC

Title

A handwritten signature in black ink, appearing to read 'Thomas Yeransian', with a long horizontal flourish extending to the right.

Signature

November 2, 2015

Date